

**AUTHOR INDEX**

JANUARY 1, 2005 THROUGH JUNE 15, 2005

- Aaronson KD, 734  
Abbas AE, 1462  
Abbasi F, 189  
Abbey H, 1039  
Abdelhadi RH, 490  
Abdul-Aziz S, 247  
Abizaid A, 751  
Abizaid AS, 75  
Abraham WT, 896  
Abuissa H, 771  
AbuSabha H, 820  
Adams BD, 1370  
Adcock IM, 885  
Adigun AQ, 691  
Adler Y, 136  
Aeppli DM, 1329  
AFFIRM Investigators, 597  
Agah R, 791  
Agarwal A, 43  
Agostoni P, 644, 1466  
Agricola E, 414  
Ahn E, 1258  
Ahn YK, 619  
Ahn YS, 1258  
Airoldi F, 757, 1466  
Akinboboye O, 322  
Akay N, 529  
Alas L, 1527  
Albertal M, 751  
Aldama G, 550  
Alegret JM, 417  
Alexander CM, 862  
Alexander CN, 1060  
Alexander JH, 182, 1371, 1404  
Alexopoulos GP, 768  
Al-Hesayan A, 532  
Al-Khalidi HR, 274  
Al-Shaer MH, 820  
Allison JS, 178  
Allouis M, 700  
Almeria C, 809  
Al-Shaer MH, 428  
Ambrose JA, 379, 386  
Amin RS, 801  
Ammar R, 511  
Ampatzidou O, 386  
Anand I, 558  
Anand P, 1099  
Anastasiou-Nana MI, 768  
Anda RF, 409  
Andersen PS, 433  
Anderson AS, 1271  
Anderson JL, 155, 558, 827, 1097  
Anderson T, 249  
Anderson TJ, 1170  
Andrew ME, 401  
Angeja B, 332  
Angelillo IF, 1146  
Anker SD, 885  
Anshelevich M, 1114  
Antman EM, 224, 228, 337, 383  
Antoniucci D, 930  
Anwar A, 993  
Anwaruddin S, 948  
Aoki J, 644  
Apostolou TS, 764  
Apovian CM, 266  
APPROACH Investigators, 261  
Arai K, 1263  
Arampatzis CA, 167, 445  
Aranda JM Jr., 889, 1192  
Aranki SF, 1500  
Argo IS, 1120  
Argyракис SK, 386  
Armstrong PW, 614  
Arndt S, 1060  
Arnett DK, 401  
Arnest JH, 915  
Aronow WS, 269, 695, 742, 1005, 1027  
Aronson D, 1117  
Aroa R, 923  
Arquati M, 445  
Arterial Revascularization Therapies Study Investigators, 439  
Arya A, 875, 1250  
Asada K, 1383  
Asada Y, 632  
Ashraf H, 761  
Ashtiani R, 43  
Asztalos BF, 1025  
Atar S, 989  
Attanti S, 43  
Atwood JE, 431, 1252  
Aude W, 1453  
Aurier E, 1409  
Ávila-Casado C, 1153  
Awaida J-PS, 244  
Aydin MA, 1101  
Aymong ED, 13  
Ayres NA, 541  
Ayusawa M, 522  
Azar RR, 236  
Badaoui G, 236  
Badilini F, 406, 821  
Bae J-H, 161  
Ba SW, 729  
Baessler C, 665  
Baggish AL, 948  
Baggish JS, 1218  
Baig MK, 761  
Bain DS, 101, 173  
Bair TL, 155, 827, 1097  
Bajzer CT, 297, 791  
Balasas B, 1271  
Balestra C, 912  
Ball M, 8  
Ballantyne CM, 367  
Bank AJ, 36  
Barba J, 1436  
Barbagallo R, 1466  
Barber K, 973  
Bard RL, 1378  
Barnes VA, 1060  
Barold SS, 479, 966  
Barrett-Connor E, 289  
Barnsness GW, 394  
Barst RJ, 199  
Barter PJ, 194  
Barthélémy J-C, 277  
Baruch L, 529  
Barzilai B, 286  
Batem TM, 771  
Battisti WP, 462  
Batter A, 1420  
Bavry AA, 1469  
Baweja G, 304  
Bax JJ, 140, 457, 571, 658, 925  
Bays HE, 360  
Bean JA, 801  
Beaufils P, 406  
Béchir M, 129  
Becker DM, 1320  
Beckerath N, 553  
Beckey NP, 1481  
Beemath A, 1525  
Beghetti M, 436  
Behlouli H, 955  
Bekerdjian R, 1033  
Beldekos DJ, 386  
Belmonte JM, 445  
Belgian Multicenter Registry on Dysynchrony, 421  
Belka V, 1271  
Belkin RN, 695, 742, 1005, 1527  
Bella JN, 132  
Belli R, 1393  
Ben Tzvi M, 439  
Benassi A, 1409  
Bencardino G, 492  
Benchetrit C, 821  
Bendif D, 878  
Benton JL, 1320  
Benyounes N, 592  
Beqaraj F, 1393  
Berdan LG, 1404  
Berekashvili KK, 199  
Berenson GS, 469  
Berger PB, 349, 1218  
Berliner S, 152  
Berlinerblau R, 435  
Berman DS, 322  
Bersot TP, 194  
Berthet M, 406  
Berthier R, 1380  
BEST Investigators, 558  
Betru A, 100  
Bettuzzi MG, 292  
Beyer R, 439  
Bezold LI, 541  
Bhatheja R, 1159  
Bhatt DL, 297, 716, 791, 1218, 1469  
Biagini E, 658, 1072, 1223  
Bibbins-Doming K, 289  
Bilodeau L, 244  
Bindi T, 722  
Biondi-Zoccali GGL, 1466  
Biro S, 517  
Blanc JJ, 110  
Blaesetto JW, 360  
Bleeker GB, 140, 1111  
Bloch L, 989  
Bluemke DA, 1508  
Blum A, 160  
Blumenthal RS, 655, 865, 1320  
Bobbio M, 1393  
Boccara F, 592  
Boddi V, 930  
Boers GH, 795  
Boersma E, 439, 457, 658, 925  
Bolger AP, 885  
Bollmann A, 526  
Boman K, 280  
Bombardini T, 414  
Bomma C, 1508  
Bond MG, 469  
Bonzel T, 1302  
Book WM, 545, 1511  
Bootsma M, 1111  
Borges-Neto S, 182  
Borggreve M, 274  
Bornemeier RA, 1125  
Borrás X, 417  
Boschat J, 110  
Bossone E, 48  
Boucher FL, 511  
Boudreau G, 249  
Boulos M, 935  
Boura BJ, 996  
Boura J, 1462  
Bourque JM, 558  
Boutalbi Y, 486  
Boyle GJ, 474  
Brachmann J, 274  
Braconnier F, 1380  
Brady WE, 462  
Braith RW, 1192  
Branzi A, 146, 1072  
Braun S, 553  
Braunschweig F, 1104  
Braunstein JB, 655  
Braunwald E, 224, 337  
Breithardt G, 892  
Brener SJ, 980  
Brewington SD, 1462  
Brigouer C, 1466  
Brindis RG, 483  
Brotherr-Heberlein S, 776  
Brodie BR, 1, 343  
Brook M, 1255  
Brook RD, 1378  
Brotman DJ, 123  
Brown DF, 948  
Brown DW, 409  
Brown WV, 1049  
Browning R, 428  
Bruch C, 892  
Brucks S, 603  
Brugada J, 1436  
Brum JM, 274  
Brune K, 1534  
Bruns H-J, 1104  
Buchbinder M, 1043  
Buckley S, 1395  
Budoff MJ, 655  
Bueno H, 1232  
Buitheu J, 249  
Bunch TJ, 827  
Burbank-Schmidt E, 1324  
Burcham JL, 1114  
Burger AJ, 1117  
Burges V, 748  
Buros J, 383  
Byers P, 1521  
Byrne JG, 1500  
Cademartiri F, 240, 1165, 1225  
CADIALLAC Investigators, 1  
Cahyadi YH, 161  
Caidahl K, 1448  
Cain V, 189  
Cain VA, 360  
Calabrese V, 1481  
Caldwell JH, 1088  
Caldwell RL, 909  
Califf RM, 182, 611, 1371  
Calkins H, 1508  
Callwood D, 1091  
Camargo CA, 948  
Camargo CA Jr., 668  
Cambier P, 651  
Cambou J-P, 486  
Cameron R, 948  
Canner PL, 254  
Cannom DS, 274, 878  
Cannom DS, 818  
Cannon CP, 224, 337  
Cantet C, 486  
Capasso M, 1358  
Caputo RP, 651  
Carcagni A, 502  
CARDINAL Investigators, 614  
Carlier S, 113  
Carlier SG, 355, 498  
Carlino M, 1466  
Carquist JF, 155  
Carminati P, 502  
Carney RM, 317  
Carr JJ, 1180  
Carroll J, 1  
Carroll JL, 801  
Carson P, 558  
Carter L, 978  
Carter MA, 827  
Carvalho JAM, 865  
Caselli G, 1409  
Casey SA, 1329  
Castellanos A, 1258  
Castrillon JC, 1521  
Castro-Beiras A, 550  
Cater NB, 1309  
Cavero MA, 1436  
Cecchi E, 1393  
Cecconi M, 292  
Celegon L, 116  
Centemero M, 751  
Cerisano G, 930  
Cerquetani E, 327  
Chabani I, 406  
Chae CU, 948  
Chaitman BR, 1283  
Chakko S, 88  
Chakko SC, 1521  
Chalasani N, 691  
Chambless M, 182  
Chan AW, 791  
Chan HC-K, 126  
Chan S, 249  
Chan SY, 1080  
Chan Y-S, 126  
Chang R-KR, 918  
Chao T, 603  
Charbonneau F, 249  
Chauhan MS, 101  
Chen AA, 948  
Chen AY, 483  
Chen LY, 349  
Chen W, 469  
Chen W-H, 1415  
Chenard C, 428  
Cheneau E, 1240  
Chenevard R, 129  
Cheng C-W, 84  
Cheng TO, 437  
Cheng TO, 1496  
Chern W-J, 84  
Chew DP, 5E1  
Chida R, 506  
Chieffo A, 757, 1466

**AUTHOR INDEX**

JANUARY 1, 2005 THROUGH JUNE 15, 2005

- Aaronson KD, 734  
Abbas AE, 1462  
Abbasi F, 189  
Abbey H, 1039  
Abdelhadi RH, 490  
Abdul-Aziz S, 247  
Abizaid A, 751  
Abizaid AS, 75  
Abraham WT, 896  
Abuissa H, 771  
AbuSabha H, 820  
Adams BD, 1370  
Adcock IM, 885  
Adigun AQ, 691  
Adler Y, 136  
Aeppli DM, 1329  
AFFIRM Investigators, 597  
Agah R, 791  
Agarwal A, 43  
Agostoni P, 644, 1466  
Agricola E, 414  
Ahn E, 1258  
Ahn YK, 619  
Ahn YS, 1258  
Airoldi F, 757, 1466  
Akinboboye O, 322  
Akay N, 529  
Alas L, 1527  
Albertal M, 751  
Aldama G, 550  
Alegret JM, 417  
Alexander CM, 862  
Alexander CN, 1060  
Alexander JH, 182, 1371, 1404  
Alexopoulos GP, 768  
Al-Hesayan A, 532  
Al-Khalidi HR, 274  
Al-Shaer MH, 820  
Allison JS, 178  
Allouis M, 700  
Almeria C, 809  
Al-Shaer MH, 428  
Ambrose JA, 379, 386  
Amin RS, 801  
Ammar R, 511  
Ampatzidou O, 386  
Anand I, 558  
Anand P, 1099  
Anastasiou-Nana MI, 768  
Anda RF, 409  
Andersen PS, 433  
Anderson AS, 1271  
Anderson JL, 155, 558, 827, 1097  
Anderson T, 249  
Anderson TJ, 1170  
Andrew ME, 401  
Angeja B, 332  
Angelillo IF, 1146  
Anker SD, 885  
Anshelevich M, 1114  
Antman EM, 224, 228, 337, 383  
Antoniucci D, 930  
Anwar A, 993  
Anwaruddin S, 948  
Aoki J, 644  
Apostolou TS, 764  
Apovian CM, 266  
APPROACH Investigators, 261  
Arai K, 1263  
Arampatzis CA, 167, 445  
Aranda JM Jr., 889, 1192  
Aranki SF, 1500  
Argo IS, 1120  
Argyракис SK, 386  
Armstrong PW, 614  
Arndt S, 1060  
Arnett DK, 401  
Arnest JH, 915  
Aronow WS, 269, 695, 742, 1005, 1027  
Aronson D, 1117  
Aroa R, 923  
Arquati M, 445  
Arterial Revascularization Therapies Study Investigators, 439  
Arya A, 875, 1250  
Asada K, 1383  
Asada Y, 632  
Ashraf H, 761  
Ashtiani R, 43  
Asztalos BF, 1025  
Atar S, 989  
Attanti S, 43  
Atwood JE, 431, 1252  
Aude W, 1453  
Aurier E, 1409  
Ávila-Casado C, 1153  
Awaida J-PS, 244  
Aydin MA, 1101  
Aymong ED, 13  
Ayres NA, 541  
Ayusawa M, 522  
Azar RR, 236  
Badaoui G, 236  
Badilini F, 406, 821  
Bae J-H, 161  
Ba SW, 729  
Baessler C, 665  
Baggish AL, 948  
Baggish JS, 1218  
Baig MK, 761  
Bain DS, 101, 173  
Bair TL, 155, 827, 1097  
Bajzer CT, 297, 791  
Balasas B, 1271  
Balestra C, 912  
Ball M, 8  
Ballantyne CM, 367  
Bank AJ, 36  
Barba J, 1436  
Barbagallo R, 1466  
Barber K, 973  
Bard RL, 1378  
Barnes VA, 1060  
Barold SS, 479, 966  
Barrett-Connor E, 289  
Barness GW, 394  
Barst RJ, 199  
Barter PJ, 194  
Barthélémy J-C, 277  
Baruch L, 529  
Barzilai B, 286  
Batem TM, 771  
Battisti WP, 462  
Batter A, 1420  
Bavry AA, 1469  
Baweja G, 304  
Bax JJ, 140, 457, 571, 658, 925  
Bays HE, 360  
Bean JA, 801  
Beaufils P, 406  
Béchir M, 129  
Becker DM, 1320  
Beckerath N, 553  
Beckey NP, 1481  
Beemath A, 1525  
Beghetti M, 436  
Behlouli H, 955  
Bekerdjian R, 1033  
Beldekos DJ, 386  
Belmonte JM, 445  
Belgian Multicenter Registry on Dysynchrony, 421  
Belka V, 1271  
Belkin RN, 695, 742, 1005, 1527  
Bella JN, 132  
Belli R, 1393  
Ben Tzvi M, 439  
Benassi A, 1409  
Bencardino G, 492  
Benchetrit C, 821  
Bendif D, 878  
Benton JL, 1320  
Benyounes N, 592  
Beqaraj F, 1393  
Berdan LG, 1404  
Berekashvili KK, 199  
Berenson GS, 469  
Berger PB, 349, 1218  
Berliner S, 152  
Berlinerblau R, 435  
Berman DS, 322  
Bersot TP, 194  
Berthet M, 406  
Berthier R, 1380  
BEST Investigators, 558  
Betru A, 100  
Bettuzzi MG, 292  
Beyer R, 439  
Bezold LI, 541  
Bhatheja R, 1159  
Bhatt DL, 297, 716, 791, 1218, 1469  
Biagini E, 658, 1072, 1223  
Bibbins-Doming K, 289  
Bilodeau L, 244  
Bindi T, 722  
Biondi-Zoccali GGL, 1466  
Biro S, 517  
Blanc JJ, 110  
Blaesetto JW, 360  
Bleeker GB, 140, 1111  
Bloch L, 989  
Bluemke DA, 1508  
Blum A, 160  
Blumenthal RS, 655, 865, 1320  
Bobbio M, 1393  
Boccara F, 592  
Boddi V, 930  
Boers GH, 795  
Boersma E, 439, 457, 658, 925  
Bolger AP, 885  
Bollmann A, 526  
Boman K, 280  
Bombardini T, 414  
Bomma C, 1508  
Bond MG, 469  
Bonzel T, 1302  
Book WM, 545, 1511  
Bootsma M, 1111  
Borges-Neto S, 182  
Borggreve M, 274  
Bornemeier RA, 1125  
Borrás X, 417  
Boschat J, 110  
Bossone E, 48  
Boucher FL, 511  
Boudreau G, 249  
Boulos M, 935  
Bouma BJ, 996  
Boura J, 1462  
Bourque JM, 558  
Boutalbi Y, 486  
Boyle GJ, 474  
Brachmann J, 274  
Braconnier F, 1380  
Brady WE, 462  
Braith RW, 1192  
Branzi A, 146, 1072  
Braun S, 553  
Braunschweig F, 1104  
Braunstein JB, 655  
Braunwald E, 224, 337  
Breithardt G, 892  
Brener SJ, 980  
Brewington SD, 1462  
Brigouer C, 1466  
Brindis RG, 483  
Brotherr-Heberlein S, 776  
Brodie BR, 1, 343  
Brook M, 1255  
Brook RD, 1378  
Brotman DJ, 123  
Brown DF, 948  
Brown DW, 409  
Brown WV, 1049  
Browning R, 428  
Bruch C, 892  
Brucks S, 603  
Brugada J, 1436  
Brum JM, 274  
Brune K, 1534  
Bruns H-J, 1104  
Buchbinder M, 1043  
Buckley S, 1395  
Budoff MJ, 655  
Bueno H, 1232  
Buitheu J, 249  
Bunch TJ, 827  
Burbank-Schmidt E, 1324  
Burcham JL, 1114  
Burger AJ, 1117  
Burges V, 748  
Buros J, 383  
Byers P, 1521  
Byrne JG, 1500  
Cademartiri F, 240, 1165, 1225  
CADIALLAC Investigators, 1  
Cahyadi YH, 161  
Caidahl K, 1448  
Cain V, 189  
Cain VA, 360  
Calabrese V, 1481  
Caldwell JH, 1088  
Caldwell RL, 909  
Califf RM, 182, 611, 1371  
Calkins H, 1508  
Callwood D, 1091  
Camargo CA, 948  
Camargo CA Jr., 668  
Cambier P, 651  
Cambou J-P, 486  
Cameron R, 948  
Canner PL, 254  
Cannom DS, 274, 878  
Cannom DS, 818  
Cannon CP, 224, 337  
Cantet C, 486  
Capasso M, 1358  
Caputo RP, 651  
Carcagni A, 502  
CARDINAL Investigators, 614  
Carlier S, 113  
Carlier SG, 355, 498  
Carlino M, 1466  
Carquist JF, 155  
Carminati P, 502  
Carney RM, 317  
Carr JJ, 1180  
Carroll J, 1  
Carroll JL, 801  
Carson P, 558  
Carter L, 978  
Carter MA, 827  
Carvalho JAM, 865  
Caselli G, 1409  
Casey SA, 1329  
Castellanos A, 1258  
Castrillon JC, 1521  
Castro-Beiras A, 550  
Cater NB, 1309  
Cavero MA, 1436  
Cecchi E, 1393  
Cecconi M, 292  
Celegon L, 116  
Centemero M, 751  
Cerisano G, 930  
Cerquetani E, 327  
Chabani I, 406  
Chae CU, 948  
Chaitman BR, 1283  
Chakko S, 88  
Chakko SC, 1521  
Chalasani N, 691  
Chambless M, 182  
Chan AW, 791  
Chan HC-K, 126  
Chan S, 249  
Chan SY, 1080  
Chan Y-S, 126  
Chang R-KR, 918  
Chao T, 603  
Charbonneau F, 249  
Chauhan MS, 101  
Chen AA, 948  
Chen AY, 483  
Chen LY, 349  
Chen W, 469  
Chen W-H, 1415  
Chenard C, 428  
Cheneau E, 1240  
Chenevard R, 129  
Cheng C-W, 84  
Cheng TO, 437  
Cheng TO, 1496  
Chern W-J, 84  
Chew DP, 5E1  
Chida R, 506  
Chieffo A, 757, 1466

- Chintala K, 424  
 Chirinos JA, 88, 1258, 1521  
 Chiu C-Z, 143  
 Chiu JH, 490  
 Chiuurla E, 1094  
 Cho JG, 619  
 Cho L, 791  
 Choi BY, 729  
 Choi Y-H, 729  
 Chou HA, 1267  
 Choy JB, 295  
 Christ M, 1065  
 Christensen HW, 96  
 Christiansen M, 433  
 Christofferson RD, 1088  
 Chu JW, 189  
 Chun DS, 909  
 Chung MK, 490  
 Chung T, 679  
 Ciccone M, 445  
 Cimino A, 862  
 Citro KM, 744  
 Clark BL, 401  
 Clark HP, 495  
 Clarke JL, 155  
 Clarke NS, 1378  
 Coakley RW, 1481  
 Cocco G, 311  
 Cohen A, 592  
 Cohen DJ, 581  
 Cohen EA, 1295  
 Cohen HA, 1135  
 Cohen J, 194  
 Cohn LH, 1500  
 Colella A, 1108  
 Coleman RE, 182  
 Coleman TG, 1128  
 Collins M, 355  
 Collins MB, 498  
 Colman J, 779  
 Colman T, 748  
 Colombo A, 757, 1466  
 Colonna PL, 292  
 Conti CR, 889  
 Conti JB, 889  
 Conway DSG, 819  
 Cook SC, 683  
 Cooper D, 918  
 Cooper HA, 597  
 Cooper JV, 48  
 Coppola A, 1351  
 Corcoran M, 1271  
 Cornily JC, 110  
 Corbellaro M, 445  
 Cortigiani L, 116  
 Corvaja N, 757  
 Coscarelli S, 116  
 Cosgrove NM, 29  
 Costa RA, 113  
 Cosyns B, 421  
 Coumell P, 406, 821  
 Coupal L, 586  
 Couper GS, 1500  
 Cox DA, 1, 651  
 Crane AM, 155  
 Crane BA, 1492  
 Crater SW, 611  
 Crea F, 492  
 Criley JM, 818  
 Cristea E, 113  
 Croft JB, 409  
 Croft LB, 1395  
 CRUSADE Investigators, 483  
 Cumberledge B, 308  
 Cumberlege BF, 1267  
 Curran L, 1267  
 Curtis MJ, 1170  
 Cutlip DE, 101, 173, 1140  
 Dabbous OH, 1397  
 Daemen J, 167  
 D'Agata DJ, 379  
 Dahlöf B, 280  
 Dalal D, 865, 1508  
 Daly JA, 1025  
 Dambrink J-H, 1361  
 Dambrink J-HE, 234, 1375, 1459  
 D'Ambrusio A, 502  
 Danchin N, 486  
 Dangas G, 13, 113, 355  
 Dangas GD, 498  
 Daniel JM, 1091  
 Daniels SR, 801  
 Danzi S, 787  
 Darragh RK, 909  
 Das M, 1005  
 Date H, 849  
 Datino T, 1232  
 DAVID Investigators, 665, 1431  
 Davidson KW, 547  
 Davidson MB, 123  
 Davidson MH, 120  
 Davies R, 630  
 Davis BR, 29  
 Davis WW, 1049  
 De Backer J, 795, 1020  
 de Boer M-J, 234, 1361, 1375, 1459  
 De Buystere M, 1020  
 de Feyter P, 167, 445, 644  
 de Feyter PJ, 1165, 1225  
 De Geare VS, 978  
 de Groot-de Laat LE, 1130  
 de Groot GJ, 1085  
 de Jaegere P, 644  
 de la Torre-Hernandez JM, 748  
 De Luca G, 234, 1361, 1375, 1459  
 de Roos A, 457, 571, 925  
 De Sutter J, 421, 1020  
 Deb S, 1006  
 Deedwania PC, 360  
 DeFranco A, 973  
 Dehghani MR, 1250  
 Del Negro A, 322  
 DeLago A, 1043  
 DeLuca AJ, 1472  
 Demarchi G, 1108  
 Demarie D, 1393  
 Demichelis B, 1393  
 Dendale P, 912  
 Denjoy I, 406  
 der Giessen WJV, 644  
 Desai MY, 865  
 Desideri A, 116  
 Detrano RC, 626  
 Detre K, 575  
 Detre KM, 1135  
 Deutsch MA, 776  
 Devereux RB, 132, 280  
 Devoe MC, 386  
 Di Angelantonio E, 592  
 Di Sciascio G, 502  
 Di Stante B, 1527  
 Diaz LK, 679  
 Diaz VA, 986  
 Diaz-Infante E, 1436  
 Dibra A, 1238  
 Dietz R, 885  
 Dijkgraaf MGW, 996  
 DiMarco JP, 1248  
 Dirksen MS, 457  
 Dirschinger J, 1238  
 Disco C, 439  
 Dixon SR, 1462  
 Djoussé L, 1180  
 Dohi Y, 1235  
 Doi Y, 789  
 Dokainish H, 1039  
 Donahoe D, 1140  
 Donal E, 941  
 Dondina C, 1108  
 Donnell-Fink L, 1456  
 Doran A, 697  
 Dorian P, 274  
 Dorosz JL, 1017  
 Dorsewski A, 875  
 Dorval J-F, 249  
 Doughan AR, 1511  
 Downey WE, 343  
 Driver Investigators, 8  
 Dubois-Randé JL, 1380  
 Dubourg O, 1260  
 Duchonová R, 675  
 Dulin BR, 896  
 Duntley S, 317  
 Duran I, 417  
 Durazzo AES, 658  
 Duval A-M, 1380  
 Duverney D, 277  
 Eagle K, 1378  
 Eagle KA, 48  
 Eapen RS, 541  
 Earley CJ, 1006  
 Ebeid MR, 782  
 Ebina T, 1366  
 Eckart RE, 431, 1252  
 Eckfeldt JH, 1180  
 Ederly S, 592  
 Edwards DG, 1192  
 Eggleston B, 1049  
 Eicken A, 776  
 Eidem BW, 541  
 Eisen HJ, 367  
 Eisenhauer AC, 1415  
 El Hajjam M, 1260  
 El-Ali M, 1386  
 Eldar M, 136, 774  
 Elhendy A, 1072, 1223  
 Ellenbogen K, 665  
 Ellestad MH, 437  
 Ellis SG, 709, 716, 980, 1043  
 Ellison RC, 1180  
 EMAT Investigators, 821  
 Emkanjor Z, 1250  
 Emond JA, 668  
 England H, 1484  
 Desideri A, 116  
 Detrano RC, 626  
 Detre K, 575  
 Detre KM, 1135  
 Deutsch MA, 776  
 Devereux RB, 132, 280  
 Devoe MC, 386  
 Di Angelantonio E, 592  
 Di Sciascio G, 502  
 Di Stante B, 1527  
 Diaz LK, 679  
 Diaz VA, 986  
 Diaz-Infante E, 1436  
 Evans JC, 856  
 Everett CJ, 986  
 Every N, 1088  
 Eves N, 1002  
 Exaire JE, 980  
 Extramiana F, 406  
 Fahy M, 1, 113  
 Fakiolas CN, 386  
 Falchetti E, 1466  
 Falk RH, 538  
 Fang J, 48  
 Farag NH, 1389  
 Farmakis D, 924  
 Farmer C, 1324  
 Farooq H, 703  
 Farrer LA, 194  
 Fathi R, 716  
 Favro E, 1393  
 Faxon D, 575  
 Fayn E, 1267  
 Fazeliar AF, 1250  
 Fearnott NE, 105, 107  
 Feigenbaum H, 1011  
 Feinberg MS, 136, 774  
 Feinglos MN, 1290  
 Feingold BM, 474  
 Feit F, 581  
 Feld GK, 597  
 Feldman A, 989  
 Feldman R, 651  
 Feliciano N, 529  
 Feres F, 751  
 Ferguson MA, 978  
 Ferkelich AK, 683  
 Fernández-Lozano I, 1436  
 Ferrari A, 1025  
 Ferreríos J, 809  
 Ferrières J, 486  
 Feyter PJ, 240  
 Figueres L, 1002  
 Figueroa A, 748  
 Fine MJ, 970  
 Finet G, 110  
 Fini M, 327  
 Finsterer J, 922  
 Fishbein DP, 367, 1492  
 Flather MD, 1397  
 Fleig JL, 1006  
 Fleming SM, 308  
 El-Ali M, 1386  
 Eldar M, 136, 774  
 Elhendy A, 1072, 1223  
 Ellenbogen K, 665  
 Ellestad MH, 437  
 Ellis SG, 709, 716, 980, 1043  
 Ellison RC, 1180  
 EMAT Investigators, 821  
 Emkanjor Z, 1250  
 Emond JA, 668  
 England H, 1484  
 Desideri A, 116  
 Detrano RC, 626  
 Detre K, 575  
 Detre KM, 1135  
 Deutsch MA, 776  
 Devereux RB, 132, 280  
 Devoe MC, 386  
 Di Angelantonio E, 592  
 Di Sciascio G, 502  
 Di Stante B, 1527  
 Diaz LK, 679  
 Diaz VA, 986  
 Diaz-Infante E, 1436  
 Ghali WA, 261  
 Ghisio A, 1393  
 Ghoshesh K, 973  
 Ghumman W, 1011  
 Giannitis E, 1033  
 Giardini A, 1255  
 Frederick PD, 843  
 Freedland KE, 317  
 Freimark D, 136  
 French JK, 1404  
 Eto T, 632, 849  
 Frenneaux M, 412  
 Fressard V, 406  
 Friedenberger RS, 29, 671  
 Friedman JB, 1283  
 Friedli B, 436  
 Froelicher VF, 300  
 Fromm M, 1534  
 Fujii K, 355, 498  
 Fujii T, 1076  
 Fujikawa K, 1076  
 Fujiki A, 1024  
 Fujimura Y, 632  
 Fung JW-H, 126  
 Furberg CD, 254  
 Furlong K, 1271  
 Fye WB III, 55  
 Gabrielli D, 292  
 Gage BF, 286  
 Galandauer I, 1527  
 Galbraith AJ, 883  
 Galbraith PD, 261  
 Gandelman G, 269  
 Gandhi S, 603  
 Garcia E, 1  
 Garcia MJ, 647  
 Garcia-Bolao I, 1436  
 Garcia-Herola A, 881  
 Garcia-Lara J, 550  
 Gardin JM, 626  
 Garg J, 1371  
 Garg R, 688  
 Garofano RP, 199  
 Garot J, 1380  
 Garrick R, 742  
 Garrido I, 550  
 Garrison RJ, 401  
 Garza L, 1453  
 Gavras H, 53  
 Gavras I, 53  
 Gaymes CH, 782  
 Ge L, 757  
 Gebhardt L, 665  
 Gehi A, 1474  
 Geleijns J, 457  
 Gelgand EA, 1441  
 Geller C, 526  
 GENERATION Study Group, 386  
 Genés N, 486  
 Genest J, 249  
 Genth-Zotz S, 885  
 Gepstein L, 935  
 Gerber IL, 898  
 Gerds-Li J-H, 875  
 Gerds E, 132, 280  
 Gerin W, 547  
 Germain N, 277  
 German Cypher Stent Registry, 1302  
 Germanos M, 236  
 Germanopre P, 912  
 Gertz MA, 535  
 Gervino EV, 1456  
 Geva T, 688  
 Ghali WA, 261  
 Ghisio A, 1393  
 Ghoshesh K, 973  
 Ghumman W, 1011  
 Giannitis E, 1033  
 Giardini A, 1255  
 Frederick PD, 843  
 Freedland KE, 317  
 Freimark D, 136  
 French JK, 1404  
 Eto T, 632, 849  
 Frenneaux M, 412  
 Fressard V, 406  
 Giles WH, 409

- Gill WJ, 1011  
 Gillette TC, 421, 1020  
 Gilmore N, 586  
 Giulitz Y, 113  
 Gin K, 1039  
 Ginsburg G, 805  
 Giugliano GR, 173  
 Giugliano RP, 224, 228, 337, 383, 611  
 Glasscock BJ, 801  
 Glasser DB, 36  
 Glattfelter K, 1324  
 Gleason JL, 1025  
 Gleva MJ, 286  
 Global Registry of Acute Coronary Events Investigators, 1397  
 Glogar D, 722  
 Glover C, 630  
 Gluckman TJ, 744  
 Godin-Edgecombe M, 1295  
 Goodman MJ, 607  
 Goedel-Meinen L, 529  
 Goedhart D, 445  
 Gokce N, 266  
 Goldberg R, 1395  
 Goldberg RJ, 258, 1324  
 Goldman ME, 1395  
 Goldman BU, 20  
 Goldsmith RL, 199  
 Gomez CA, 686  
 Good CB, 970  
 Goodhart DM, 1170  
 Goodhope RC, 1481  
 Gordon GM, 852  
 Gore JM, 258  
 Gorski JC, 691  
 Gosselink ATM, 234, 1361, 1459  
 Gosselink M, 1375  
 Gote T, 1235, 1383  
 Gottdiner JS, 322  
 Gottlieb S, 558  
 Gourevitch MN, 915  
 Grabenstein JD, 1252  
 Gradus-Pizlo I, 1011  
 Grady D, 289  
 Graebin R, 751  
 Graf S, 722  
 Graham MM, 261  
 Graham RM, 159  
 Granatelli A, 1358  
 Granger CB, 614, 1371  
 Grantham JA, 349  
 Grae D, 1194  
 Gray JM, 1120  
 Grayburn P, 703  
 Grayburn PA, 993, 1099  
 Green CL, 611  
 Green P, 1114  
 Greenberg JA, 1024  
 Greene HL, 404, 1431  
 Griffin JJ, 1  
 Grilli R, 1409  
 Grimm RA, 941  
 Grines CL, 1, 1462  
 Grogan M, 535  
 Grover SA, 586  
 Grube E, 113  
 Gruberg L, 439  
 Grude M, 892  
 Grundy SM, 194, 462, 1309  
 Grunstein R, 708  
 Grzibowski M, 843  
 Guagliumi G, 1  
 Guarnaccia V, 1351  
 Guastaroba P, 1409  
 Guérét P, 486, 1380  
 Guicheney P, 406  
 Güleçüz M, 1267  
 Gum PA, 791  
 Gunarwanu P, 412  
 Guntheroth WG, 820  
 Guntheroth WG, 960  
 Gupta N, 343  
 Gurm H, 581  
 Gurm HS, 490, 716  
 Guron CW, 1448  
 Gutiérrez-Chico JL, 809  
 Guttigoli AB, 391  
 Gyöngyösi M, 722  
 H.Spodick D, 667  
 Haas DC, 547  
 Haas SJ, 896  
 Haber R, 651  
 Haghfelt T, 96  
 Haghjoo M, 1250  
 Hall P, 651  
 Hall SD, 691  
 Hallstrom AP, 1431  
 Hamada M, 1334  
 Hamasaki S, 517  
 Hamdan MH, 1099  
 Hamilton CA, 495  
 Hamm CW, 1302  
 Hammill SC, 535  
 Hamodraka E, 764  
 Han H, 401  
 Han K-H, 859  
 Hanania G, 486  
 Hankins J, 565  
 Hansen A, 1033  
 Hansen C, 343  
 Hao H, 632  
 Hara H, 636, 636  
 Harada K, 522, 1338  
 Hardt SE, 1033  
 Hare JM, 671  
 Harell D, 1420  
 Harrington RA, 182, 383, 611, 1404  
 Harris MA, 1514  
 Harrison LH, 707  
 Hartford M, 1448  
 Hartz A, 1060  
 Hasselblad V, 1290  
 Hastir F, 912  
 Hata T, 622  
 Hatakeyama K, 632  
 Hauser M, 776  
 Hayano J, 1383  
 Hayashi K, 1235  
 Hayashi T, 506  
 Haykowsky M, 1002  
 Haykowsky MJ, 1080  
 Haynes WG, 428  
 Hecht HS, 838  
 Heirigs RL, 1529  
 Heitzer T, 20  
 Helton TJ, 1469  
 Henein MY, 146  
 Henry T, 581  
 Heo J, 178, 304, 798  
 Hermiller J, 651  
 Hernández-Madrid A, 1436  
 Herre JM, 1431  
 Herrington DM, 1049  
 Herrmann HC, 651  
 Herweg B, 871, 966  
 Hess J, 776  
 Hester A, 529  
 Hibi K, 1366  
 Higaki J, 1334  
 Hikichi Y, 506  
 Hill JA, 889, 1192  
 Hindricks G, 875  
 Ho KKL, 101  
 Hochman JS, 614  
 Hodman T, 1484  
 Hodis HN, 1277  
 Hoffman C, 1484  
 Hofma SH, 167  
 Hofmann M, 529  
 Hohnloser SH, 274  
 Hailund-Carl森 PF, 96  
 Hokamaki J, 514  
 Hokamura Y, 1425  
 Hollweck R, 776  
 Holman ER, 140  
 Holmes DR Jr., 349, 1135, 1140  
 Holroyde MJ, 274  
 Homma S, 1049  
 Homoud M, 1484  
 Hong M-K, 105, 107, 859, 1043  
 Hong SN, 619  
 Hong YJ, 619  
 Hoogwerf BJ, 123  
 Hoornste JCA, 234, 1361, 1375, 1459  
 Hopkins PN, 1180  
 Horn EM, 199  
 Horne BD, 155, 827, 1097  
 Horstman LL, 1258  
 Hott BJ, 545  
 Hougaku H, 1006  
 Hoye A, 167, 240  
 Hozumi T, 1263  
 Hrudova J, 996  
 Htay T, 304, 798  
 Huehnergarth KV, 1492  
 Hughes EA, 905  
 Hui JCK, 394  
 Hulley SB, 289  
 Hundleby WG, 495  
 Hung J, 1014  
 Hung M-J, 84  
 Hunninghake DB, 360  
 Huntington A, 1243  
 Hur SH, 619  
 Husain K, 1453  
 Husser D, 526  
 Hutchinson H, 189  
 Hutchinson S, 249  
 Hutchinson S, 48  
 Huynh R, 1415  
 Huynh T, 249  
 Hyun DW, 619  
 Iakovou I, 13, 757, 1466  
 Ibsen H, 132  
 Ichikawa H, 1344  
 Ignaszewski AP, 1080  
 Iijima R, 636  
 Ikeda K, 1235  
 Ikeda S-i, 538  
 Ikemba CM, 541  
 Imamura T, 632, 849  
 Imazio M, 1393  
 Indolfi C, 1146  
 Infusino F, 492  
 Ingles J, 991  
 Inoue I, 622  
 Inoue T, 506  
 Inoue Y, 1263  
 InSync III Study Investigators, 1104  
 Intermountain Heart Collaborative (IHC) Study Group, 155  
 Intermountain Heart Collaborative Study Group, 827  
 International EECP Patient Registry Investigators, 394  
 International Registry of Acute Aortic Dissection, 48  
 Ioannidis G, 1386  
 Ioannidis JPA, 640  
 Iribarren C, 626  
 Ishihara M, 622  
 Ishii H, 1338  
 Ishikawa T, 632, 849, 1366  
 Iskandrian AE, 178, 304, 798  
 IsSELbacher EM, 48  
 Istan N, 266  
 Ito S, 660  
 Ivanc TB, 980  
 Ivleva AY, 1283  
 Ivy DD, 697  
 Iwai S, 391  
 Ix J, 1474  
 Jaafar P, 700  
 Jabar M, 989  
 Jacob S, 1011  
 Jacoboff D, 355  
 Jacobs AK, 575, 1135  
 Jacobs LD, 1271  
 Jacobsen JR, 433  
 Jafari A, 1250  
 Jain V, 923  
 James C, 1508  
 Jani JT, 744  
 Janower S, 592  
 Januzzi JL Jr., 948  
 Jardin F, 1260  
 Jefferson BK, 805  
 Jeffries JL, 801  
 Jensen KR, 827, 1097  
 Jeong MH, 619  
 Jesse RL, 398  
 Jimenez JJ, 1258  
 Jobin J, 249  
 Johansen A, 96  
 Johanson P, 611  
 Jöhnk IK, 96  
 Johnston DW, 1120  
 Jollis JG, 976  
 Jonasson L, 452  
 Jones DW, 401  
 Jones P, 1314  
 Jones PG, 771  
 Jones PH, 120, 360  
 Jones SO IV, 1252  
 Joransen JA, 782  
 Jordans LJ, 271  
 Joseph T, 1260  
 Joshi AK, 878  
 Jue J, 1039  
 Jukema JW, 457, 571  
 Ju Y, 1258  
 Kaandorp TAM, 925  
 Kaemmerer H, 776  
 Kageyama M, 506  
 Kakar P, 695  
 Kalra M, 801  
 Kalra PR, 885  
 Kanakakis J, 768  
 Kanamaru H, 522  
 Kanaya A, 1175  
 Kang DG, 619  
 Kang JC, 619  
 Kang S-J, 859  
 Kanna M, 1366  
 Kannel WB, 856  
 Kanters JK, 433  
 Kapadia S, 297  
 Kapadia SR, 980, 1088  
 Karabinos I, 1386  
 Karas RH, 93  
 Karasawa K, 522  
 Karasik P, 322  
 Karha J, 980  
 Karpalatis D, 224, 337  
 Karpawich PP, 424  
 Karvouni E, 640  
 Kashani A, 228  
 Kasikcioglu E, 707  
 Kaski JC, 1478  
 Kassab R, 236  
 Kastelein JJP, 264, 1085  
 Kastrati A, 553, 1238  
 Kataoka H, 789  
 Kato R, 90  
 Katostaras T, 1386  
 Katsiris DG, 640  
 Katsiyannis WT, 286  
 Katus H, 1033  
 Katz H, 902  
 Katz SD, 36  
 Kawagoe J, 849  
 Kawagoe T, 622  
 Kawamoto R, 849  
 Kawamura H, 1085  
 Kawano H, 514  
 Kawut SM, 199  
 Keaney JF Jr., 266  
 Keller BB, 474  
 Kellett M, 1043  
 Kelley ME, 970  
 Kelm M, 1302  
 Kelsey SF, 394  
 Kemp M, 885  
 Kennard ED, 394  
 Kenny A, 308  
 Kereiakes DJ, 8, 511  
 Kerstein D, 199  
 Kertai MD, 658  
 Kesäniemi YA, 194  
 Khan IA, 247  
 Khanderia BK, 923  
 Khorsand A, 722  
 Kickler TS, 744  
 Kié P, 1111  
 Kiesewetter C, 308  
 Kijima Y, 622  
 Kilaru R, 1404  
 Kim JH, 619  
 Kim J-J, 105, 107, 859  
 Kim KB, 619  
 Kim KH, 619  
 Kim W, 619  
 Kim Y-H, 859  
 Kim YJ, 941  
 Kimball TR, 801  
 Kimmelstein C, 709  
 Kimura G, 1383  
 Kimura K, 1366  
 Kimura Y, 1425  
 Kini AS, 43  
 Kinoshita O, 538

- Kipshidze NN, 13  
 Kirkpatrick JN, 1271  
 Kirtane AJ, 224, 337, 383  
 Kisaka T, 622  
 Kitagawa T, 1076  
 Kitakaze M, 143  
 Kitzman DW, 603  
 Kizilbash AM, 1099  
 Kjeldsen K, 433  
 Klaymé S, 236  
 Kleiman NS, 1404  
 Klein HU, 526  
 Klein I, 787  
 Klein RC, 1431  
 Klerkx AH, 1085  
 Klootwijk APJ, 271  
 Knudtsen ML, 261  
 Kobayashi M, 1076  
 Kobayashi Y, 355, 498, 660  
 Kobza R, 875  
 Koerbin GL, 883  
 Kogaki S, 1344  
 Kojima S, 514  
 Kokkinou V, 1386  
 Kolasa MW, 431  
 Kolek MJ, 155  
 Koller M, 1002  
 Komorovsky R, 116  
 Kong DF, 1243  
 Kontos MC, 398  
 Koopman RJ, 986  
 Kop WJ, 322  
 Kopp A, 283  
 Koren-Morag N, 1420  
 Korosoglou G, 1033  
 Kosinski E, 709  
 Kosmidou I, 337  
 Kostis J, 404  
 Kostis JB, 29, 671  
 Kosuge M, 1366  
 Kottkamp H, 875  
 Kottke-Marchant K, 805  
 Koulouris S, 1386  
 Kovacic JC, 159  
 Kovalchik JP, 679  
 Kowal RC, 1099  
 Kowey PR, 878  
 Koyama J, 538  
 Krantz DS, 322  
 Krantz MJ, 915  
 Krantz MJ, 924  
 Kranzhofer R, 1033  
 Krauser DG, 948  
 Krause-Steinrauf H, 558  
 Kremastinos DT, 764  
 Kremastinos DT, 924  
 Krenning BJ, 1072, 1130  
 Kreps E, 498  
 Kreps EM, 355  
 Krestin GP, 240, 1165, 1225  
 Kretzschmar C, 1101  
 Krieger J, 708  
 Kronzon I, 852  
 Krucoff MW, 611  
 Krum H, 896  
 Kubo SH, 367  
 Kuchela A, 1415  
 Kudo Y, 789  
 Kuecherer H, 1033  
 Kuivenhoven JA, 1085  
 Kulkarni KR, 869  
 Kumar A, 1504  
 Kumbhani DJ, 1469  
 Kung GC, 679  
 Kunita E, 1076  
 Kuntz RE, 101, 173, 1140  
 Kuperstein R, 774  
 Kupfer S, 160  
 Kurdi M, 630  
 Kurdiel KA, 398  
 Kurisu S, 622  
 Kuroasaki K, 660  
 Kurotobi S, 1344  
 Kuvit JT, 93  
 Kuwahara E, 517  
 Kyle RA, 535  
 Lüscher TF, 129  
 Labadze N, 1033  
 Labinaz M, 630  
 Lablanche J-M, 486  
 Labrador E, 1521  
 Laclaustra M, 1478  
 Lacombe P, 1260  
 Laham RJ, 1456  
 Lakatta EG, 1006  
 Lake D, 1248  
 Lake KD, 367  
 Lamb HJ, 457, 571, 925  
 Lamendola C, 189  
 Lameris TW, 658  
 Lamparter S, 1065  
 Lamprecht C, 1534  
 Lancellotti P, 421  
 Landsman PB, 862  
 Lang F, 277  
 Langer A, 611  
 Langlois S, 1260  
 Lansky AJ, 1, 13, 113, 355, 498  
 Lanspa TJ, 1529  
 Lanza GA, 492  
 Lappé DL, 827, 1097  
 Lara JG, 1478  
 Lareau C, 258  
 Larsen AI, 261  
 Larsen LA, 433  
 Larson J, 918  
 Larson MG, 856  
 Lashevsky I, 935  
 Laskay WK, 1135  
 Lauer MS, 1159  
 Law YM, 474  
 Lawler RL, 1492  
 Lawry T, 1104  
 Lawrence JH, 1283  
 Lawrence-Nelson J, 671  
 Lawson WE, 394  
 Le Jemtel TH, 1114  
 Le N-A, 1049  
 Leacche M, 1500  
 Leal J, 1436  
 Leary E, 189  
 Ledingham RB, 1431  
 Lee CW, 105, 107, 859  
 Lee D, 283  
 Lee DS, 297  
 Lee J, 695  
 Lee JC, 431  
 Lee L, 412  
 Lee PC, 43  
 Lee P-K, 1039  
 Lee SH, 619, 729  
 Lee S-W, 859  
 Lee YS, 619, 729  
 Lee-Lewandrowski E, 948  
 Leenhardt A, 406, 821  
 Legget ME, 898  
 Legrand V, 445  
 Lehmann KG, 1017, 1088  
 Leliouche N, 1380  
 Leman R, 597, 665  
 Lemos PA, 167, 240, 439, 445, 1165, 1225  
 Lenis JHF, 1283  
 Lennon RJ, 349  
 Leon MB, 13, 113, 355, 498, 709, 1140  
 Lerman BB, 391  
 Lespérance J, 244  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492  
 Ly H, 244  
 Ly HQ, 383  
 Lyle TA, 1511  
 Lyras AG, 386  
 Müller R, 113  
 Ma L, 862  
 Maas AC, 234  
 Maas R, 1101  
 Macaya C, 809  
 Macioce R, 1108  
 Mack WJ, 1277  
 Macuil B, 1518  
 Madan M, 1295  
 MADIT II Investigators, 1487  
 Maeda K, 1076  
 Mager A, 1420  
 Magyari PM, 1192  
 Mahadevan KK, 1504  
 Mahaffey KW, 614, 1404  
 Mahan VL, 1267  
 Mahenthiran J, 1011  
 Maheshwari N, 373  
 Mahle WT, 436  
 Mahley RW, 194  
 Maher PR, 1277  
 Lessard D, 258  
 Levenson B, 1302  
 Levine J, 322  
 Levine JG, 983  
 Levine RA, 517, 1014  
 Levraut R, 667  
 Levy D, 856  
 Levy JA, 695  
 Levy WC, 1492  
 Lewandrowski KB, 948  
 Li L, 691  
 Li S, 469  
 Liakos G, 764  
 Liao L, 1243  
 Lighart JM, 644  
 Lim HS, 905  
 Lim MJ, 1397  
 Lim SY, 619  
 Lima JAC, 1508  
 Lin F, 289  
 Lin S, 1243  
 Lincoff AM, 581, 611, 716, 1404  
 Lindblade CL, 909  
 Linde C, 1104  
 Lindsay BD, 286  
 Link KM, 495  
 Link M, 1484  
 Link MS, 1329  
 Lip GYH, 819  
 Lip GYH, 881, 905  
 Lipinska I, 266  
 Lipson D, 1267  
 Little L, 249  
 Little WC, 495, 603  
 Litwin SE, 832  
 Liu HH, 332  
 Liu K, 626  
 Lloyd-Jones DM, 856, 948  
 Lonn E, 249  
 Lorbar M, 667  
 Loria CM, 626  
 Lovollo WR, 1389  
 Lowery MH, 1521  
 Lu Q, 1496  
 Ludomirsky A, 686  
 Lund LH, 734  
 Lupi-Herrera E, 1153  
 Lüscher TF, 492<br

- Mittal S, 391  
 Miyabe H, 1383  
 Miyaji K, 660  
 Miyamoto S, 514  
 Miyatake K, 143  
 Modena MG, 1094  
 Mohan JC, 923  
 Mohiuddin SM, 247  
 Molhoek SG, 140, 1111  
 Molina-Carrión M, 1153  
 Moliterno DJ, 1371  
 Mollet NR, 240, 1165, 1225  
 Momiyama Y, 90  
 Monin J-L, 1380  
 Monserrat L, 550  
 Mont L, 1436  
 Montalescot G, 1397  
 Montorfano M, 757, 1466  
 Moore P, 1255  
 Moore S, 343  
 Mooser V, 194  
 Moraca A, 292  
 Morena PR, 43  
 Moretti S, 292  
 Moriarty PM, 1246  
 Morikami Y, 1425  
 Morioka N, 1334  
 Morris S, 1097  
 Morrow DA, 228  
 Mortensen K, 1101  
 Mortensen PT, 1104  
 Mosca L, 1049  
 Moses JW, 13, 355, 498,  
 1043, 1140  
 Moss AJ, 1487  
 Motro M, 136  
 Moussa I, 13, 355, 498  
 Mower CP, 155  
 Moy TF, 1320  
 Moya JL, 1436  
 Mozaffarian D, 1492  
 Muhlestein JB, 155, 827,  
 1097  
 Mukai S, 1383  
 Mukherjee J, 586  
 Mulder BJM, 795, 996  
 Müller J, 892  
 Muncy DB, 343  
 Muñoz JS, 751  
 Munzel T, 20  
 Murphy DJ, 909  
 Murphy S, 665  
 Murphy SA, 224, 228, 337  
 Murry M, 1055  
 Murtagh B, 535  
 Musili N, 1108  
 Muthupillai R, 679  
 Muthusamy TS, 161  
 Myerburg RJ, 274, 1258  
 Myers J, 300  
 Myocardial Infarction Data  
 Acquisition System Study  
 Group (MIDAS) 9, 671  
 Nadar S, 905  
 Nag SS, 862  
 Nagayoshi Y, 514  
 Nagoshi T, 849  
 Nagurney JT, 948  
 Naidoo SS, 575  
 Nair D, 332  
 Naito H, 1344  
 Naito S, 660  
 Najjar S, 1006  
 Najm HK, 607  
 Nakajima R, 636  
 Nakama H, 622  
 Nakamura H, 90  
 Nakamura M, 636  
 Nakamura S, 161  
 Nakashiki K, 517  
 Nakatani S, 143  
 Nakazawa A, 1235  
 Naman R, 236  
 Nanas I, 1386  
 Nanas JN, 768  
 Nanas SN, 768  
 Nanda NC, 304  
 Naqvi SZ, 1295  
 Nash SD, 963  
 Nasir K, 655, 865, 1508  
 Nassi F, 1351  
 Natale A, 490, 941  
 Navia J, 647  
 Ndreppega G, 553, 1238  
 Negishi K, 1263  
 Negoita M, 113  
 Neukirch-Stoop C, 509  
 Newby LK, 611, 1290  
 Neyroud N, 406  
 Ng KK, 647  
 Ngai K, 322  
 Nguyen A-F, 912  
 NHLBI AFFIRM Investigators,  
 404  
 NHLBI Dynamic Registry  
 Investigators, 1135  
 Nicolau JC, 614  
 Nidich SI, 1060  
 Nieman K, 1165  
 Nieminen MS, 132, 280  
 Nienaber CA, 48, 1302  
 Nierenberg H, 355  
 Nijm J, 452  
 Nikolsky E, 13, 113, 709  
 Nishiki R, 506  
 Node K, 506  
 Nogami A, 660  
 Nolan V, 194  
 Noll G, 129  
 Nollen GJ, 795, 996  
 Norris CM, 261  
 Nowak G, 20  
 Nozawa N, 1366  
 Ntalianis A, 768  
 O'Brien KD, 367  
 O'Callahan M, 322  
 O'Connor CM, 558  
 O'Donnell CJ, 856  
 Oe H, 1263  
 O'Gara P, 48  
 O'Gara PT, 1500  
 Ogawa H, 514, 1425  
 Ogiwara F, 538  
 Ohman EM, 224, 383, 483,  
 1290, 1371  
 Ohmori F, 143  
 Ohmori R, 90  
 Ohsuzu F, 90  
 Ohte N, 1383  
 O'Keefe JH Jr., 771  
 Okuda J, 1366  
 Okumura K, 1425  
 O'Leary EL, 565  
 Olofsson M, 280  
 Olsen MH, 132  
 Olshansky B, 404  
 Olson RE, 1525  
 Olsson AG, 452  
 Olsson SB, 526  
 Olympios CD, 386  
 O'Malley AJ, 1140  
 Omland T, 24  
 O'Neill MJ, 1014  
 O'Neill WW, 1462  
 Ong ATL, 167, 644  
 Onitsuka H, 849  
 Oosterhof T, 996  
 Oppcher F, 150  
 Oppizzi M, 414  
 Orejas M, 809  
 Ornato JP, 398  
 Oshima S, 660  
 Ostad MA, 20  
 Otani S, 1363  
 Otsuji Y, 517  
 Otte C, 1175  
 Ottenvanger JP, 234, 1361,  
 1375, 1459  
 Ovadia M, 1267  
 Øyen N, 433  
 Ozaki H, 1366  
 Ozono K, 1344  
 Pache J, 1238  
 Pacheco R, 1453  
 Pachinger O, 729  
 Padellec L, 479, 1108  
 Page RL, 1099  
 Palažón O, 417  
 Palenčíková J, 675  
 Palmieri V, 132  
 Palmisano J, 462  
 Pandian NG, 93  
 Pandian NG, 923  
 Pangerl AM, 1283  
 Pankow JS, 1180  
 Pankwek S, 1065  
 Papademetriou V, 280  
 Papazoglou P, 768  
 Pappas PA, 976  
 Paradiso-Hardy FL, 1295  
 Paraschos A, 1091  
 Parissis JT, 924  
 Park DG, 1267  
 Park H, 1005  
 Park HK, 729  
 Park HW, 619  
 Park JC, 619  
 Park JE, 729  
 Park J-H, 859  
 Park S-J, 105, 107, 859  
 Park S-W, 105, 107, 859  
 Parker A, 805  
 Parker JD, 36, 532  
 Parodi G, 930  
 Parra D, 1481  
 Parrini I, 1393  
 Parry G, 308  
 Parsonage WA, 883  
 Parvatheneni L, 1011  
 Pasceri V, 502, 1358  
 Pastore A, 1271  
 Patel AR, 93  
 Patel JV, 905  
 Patel MR, 614, 976  
 Patrizi R, 327  
 Patti G, 502  
 Paul S, 1500  
 Paul SM, 869  
 Paul TK, 469  
 Pavia M, 1146  
 Pavón-Jiménez R, 1436  
 Pearson RR, 1097  
 Pearson TA, 862  
 Pedersen LT, 96  
 Pelliccia F, 1358  
 Penne PY, 110  
 Pepine CJ, 160  
 Pérez de Isla L, 809  
 Perez GO, 88  
 Perez T, 748  
 Pérez-Castellano N, 1436  
 Pérez-Isla L, 1436  
 Perloff JK, 707  
 Perna GP, 292  
 Perugini E, 146  
 Petefio J, 550  
 Peterson ED, 483  
 Petix NR, 1351  
 Petrikovsky BM, 1267  
 Phadke JG, 667  
 Phillips AM, 1295  
 Phillips HR, 1091  
 Phillips SD, 993  
 Picano E, 414  
 Picard MH, 1014  
 Pichard AD, 1240  
 Pichot V, 277  
 Pickering TG, 547  
 Pieper KS, 1371  
 Pieragnoli P, 1108  
 Pierce GL, 1192  
 Page RL, 1099  
 Pignatelli R, 541  
 Pignatelli RH, 679  
 Pilote L, 955  
 Pinto AG, 691  
 Piorkowski C, 875  
 Piotrowicz K, 1487  
 Piovaccari G, 1409  
 Pipkin SS, 1175, 1474  
 Pironi B, 1358  
 Pisani M, 414  
 Pitta SR, 843  
 Plati EV, 1431  
 Plehn JF, 558  
 Poirier P, 249  
 Poldermans D, 658, 925,  
 1072, 1223  
 Polosajian L, 871  
 Pomari F, 1393  
 Poole-Wilson P, 146  
 Poole-Wilson PA, 885  
 Pop R, 113  
 Popma JJ, 8, 173, 383,  
 1043, 1140  
 Popovic ZB, 647  
 Porciani MC, 1108  
 Porter TR, 565  
 Portman MA, 787  
 Post W, 1320  
 Pothier CE, 1159  
 Potter JM, 883  
 Pouleur H, 311  
 Powell AJ, 688  
 Prakasa K, 1508  
 Pratt CM, 274, 878  
 Prechel MM, 744  
 Prekates AA, 386  
 Prescott MF, 529  
 Pressel SL, 29  
 Pristipino C, 1358  
 Probst V, 700  
 Procházková, 675  
 Provost Y, 779  
 Prystowsky EN, 878  
 Psychari SN, 764  
 Pucci PD, 930  
 Qanadli SD, 1260  
 Qi N, 918  
 Qualls CR, 1441  
 Quan V-H, 1415  
 Quillen EW Jr., 1267  
 Rabinowitz AC, 511  
 Rade JJ, 744  
 Radhakrishnan S, 1295  
 Radovancevic B, 367  
 Raghavendra G, 428  
 Raines JK, 1049  
 Rainforth M, 1060  
 Raizner AE, 105, 107  
 Rajagopal V, 716, 980  
 Raman SV, 683  
 Ramanathan K, 1039  
 Ramza BM, 771  
 Rana JS, 1456  
 Rapezzi C, 146  
 Raspani S, 930  
 Ratti C, 1094  
 Raval HS, 1481  
 Ravi SM, 1114  
 Ravipati G, 1472  
 Rawn JD, 1500  
 Rayburn BK, 367  
 Reaven G, 189  
 Rebeiz AG, 611  
 Reddy PR, 755  
 Reeves MJ, 973  
 Regev T, 136  
 Reggiani LB, 146  
 Reiffel JA, 1055  
 Reis M, 1295  
 Reiser W, 1104  
 Reisin LH, 1283  
 Reisman M, 1043  
 Remigie E, 1466  
 Renlund DG, 827, 1097  
 Renner B, 1534  
 REPLACE-2 Investigators,  
 581  
 Rekpkattanapipat P, 495  
 Reynolds HA, 852  
 Ricciardi G, 1108  
 Richard H, 955  
 Richards AM, 24, 898  
 Richard G, 1302  
 Richichi G, 1358  
 Richmond DR, 991  
 Rieckmann N, 547  
 Rihal CS, 349  
 Rioufol G, 110  
 Rizzello V, 1072, 1223  
 Rizzo RJ, 1500  
 Roberts BJ, 993  
 Roberts CS, 706  
 Roberts RF, 155  
 Roberts WC, 55, 204, 703,  
 814, 1199, 1273  
 Roberts WL, 155  
 Robinson JG, 373  
 Rocchi G, 1072  
 Rocchini AP, 686  
 Roche F, 277  
 Rodrigo JL, 809  
 Rodriguez-Granillo GA, 644  
 Roe MT, 224, 483, 611,  
 1404  
 Roelandt JRTC, 1130  
 Roffi M, 791  
 Rogers C, 511, 651, 1415  
 Rogers JG, 286  
 Rogowski O, 152

- Roguin A, 1508  
 Roldan CA, 1441  
 Roldán F-J, 1153  
 Roldán V, 881  
 Rollins S, 614  
 Romagnoli R, 1094  
 Roman MJ, 547  
 Romero-Cárdenas A, 1153  
 Romick BG, 978  
 Roncella A, 1358  
 Rosano GMC, 327  
 Rose-Gottron C, 918  
 Rosenfeld T, 989  
 Rosengren A, 1448  
 Rosenzweig EB, 199  
 Rotstein Z, 136  
 Rousseau MF, 311  
 Rozenstein A, 871  
 Rubenfire M, 1378  
 Rubenstein JJ, 1025  
 Rubin A, 404  
 Rumberger JA, 655  
 Runz G, 1225  
 Russell C, 8  
 Russell ME, 709, 1043  
 Rutherford B, 8  
 Rutherford BD, 1  
 Rutsch W, 445  
 Ruzyllo W, 614  
 Ryan S, 630
- Sabatine MS, 228  
 Sabin G, 1302  
 Sacco J, 597  
 Sachar R, 297  
 Sadr-Ameli MA, 1250  
 Saia F, 167, 445, 1165, 1225, 1409  
 Sainz-Laso F, 748  
 Sakamoto T, 514  
 Sakata R, 517  
 Sakata S, 1383  
 Salabay C, 1527  
 Salamé E, 236  
 Saland KE, 744  
 Salaria V, 247  
 Salerno JW, 1060  
 Saliba WI, 490  
 Salim LP, 571  
 Samdarshi T, 401  
 Sami M, 404  
 Sánchez CD, 1290  
 Sanchez JM, 286  
 Sanders SP, 150  
 Sanderson JE, 126  
 Sangiorgi GM, 757, 1466  
 Sangrigoli RM, 878  
 Sano T, 1344  
 Santarelli A, 1409  
 Santos RD, 865  
 Saphenous Vein Graft Angioplasty Free of Emboli Randomized (SAFER) Trial Investigators, 173  
 Sarkis A, 236  
 Sarria-Santamera A, 1243  
 Satler LF, 1240  
 Sato K, 1235  
 Sato Y, 522  
 Saucedo JF, 1453  
 Saulle LN, 1472  
 Sawada SG, 1011  
 SCARS Investigators, 1436  
 Schaefer EJ, 1025  
 Schaefer S, 1534
- Schalij MJ, 140, 1111  
 Schamberger MS, 909  
 Schiller NB, 332, 1175  
 Schinkel AFL, 1072, 1223  
 Schirdehahn P, 875  
 Schmitt M, 412  
 Schnacky KR, 1481  
 Schneider RH, 1060  
 Schneider S, 1302  
 Schob A, 88  
 Schofield RS, 889  
 Schömöig A, 553, 1238  
 Schoppen M, 1065  
 Schott J-J, 700  
 Schouten O, 658, 1072, 1223  
 Schreiner PJ, 626  
 Schuchert A, 1101  
 Schühlein H, 1238  
 Schuij JP, 571  
 Schulman SP, 744  
 Schüssler JM, 993  
 Schwammthal E, 136, 774  
 Schwartz DE, 973  
 Schwartz DJ, 547  
 Schwartz JE, 547  
 Schwartz KA, 973  
 Schwartz SD, 322  
 Schwarzbarg R, 1055  
 Scuteri A, 1006  
 Segal JB, 744  
 Seifert PA, 1415  
 Sekiguchi Y, 1076  
 Seljeflot I, 1187  
 Selkirk FW, 1456  
 Selter C, 1033  
 Selzer F, 575, 1135  
 Selzer RH, 1277  
 Seman LJ, 1025  
 Semsarian C, 991  
 Sena L, 688  
 Senges J, 1302  
 Sengupta PP, 923  
 Serebruany VL, 1218  
 Serra V, 809  
 Serruys PW, 167, 240, 439, 445, 644, 1165  
 Sestini S, 1351  
 Sestito A, 492  
 Sgueglia GA, 492  
 Shah A, 852  
 Shah BK, 391  
 Shanmugasagaram S, 1295  
 Shapira I, 152  
 Sharma A, 1431  
 Sharma SK, 43  
 Sharma SS, 194  
 Sharman J, 412  
 Shaw LK, 182  
 Shaw S, 492  
 SHEP Collaborative Research Group, 29  
 Sheppard R, 955  
 Sherman N, 36  
 Shiba M, 636  
 Shibata Y, 632  
 SHIELD Investigators, 274  
 Shigenematsu Y, 1334  
 Shihabi ZK, 603  
 Shimatani Y, 622  
 Shimizu T, 1366  
 Shimomura H, 514  
 Shirani J, 1114  
 Shironi A, 152  
 Shlipak M, 1474
- Shlipak MG, 289, 332  
 Shoemaker P, 1080  
 Shohat M, 1420  
 Shores JC, 782  
 Shorofsky S, 404  
 Short BC, 367  
 Shoyeb A, 852  
 Shry EA, 1252  
 Sianos G, 167, 240, 644  
 Sibbitt WL Jr, 1441  
 Sichrovsky T, 871  
 Sideris EB, 1518  
 Silberman S, 509  
 Siliste C, 821  
 Silver MA, 558  
 Simek J, 999  
 Simonsen H, 433  
 Simoons M, 1223  
 Simoons ML, 271, 1072, 1404  
 Singh M, 349  
 Singh S, 1484  
 Sinker CA, 428  
 Sinos L, 764  
 Sitges M, 1436  
 Sivadasanpillai H, 1504  
 Sivasubramonian S, 1504  
 Skaluba SJ, 832  
 Sketch MH Jr, 8  
 Sketch MH Jr, 1091  
 Skee A, 404  
 Sliney KA, 93  
 Sluss PM, 948  
 Smilde TJ, 264  
 Smith DE, 48  
 Smith DG, 1314  
 Smith G, 132  
 Smith JC, 782  
 Smith K, 1099  
 Smith SC Jr, 483  
 Smith WT IV, 182  
 Smits PC, 167, 644  
 So D, 630  
 Soares PR, 445  
 Sochor H, 722  
 Sogaard P, 1104  
 Sogoroff F, 881  
 Solomon AJ, 597  
 Sestito A, 970  
 Sorajia P, 675  
 Soran O, 394  
 Sorlie PD, 856  
 Sommo L, 526  
 Sousa A, 751  
 Sousa JE, 751  
 Sozzi FB, 1072  
 Sparling C, 1295  
 Speciale G, 1358  
 Spencer F, 258  
 Spencer FA, 1324  
 Spencer KT, 1271  
 Sperker W, 722  
 Sperli M, 999  
 Spevack DM, 852  
 Spiers PS, 820  
 Spiers PS, 960  
 Spies C, 1175  
 Spijkerboer AM, 996  
 Srinivasan A, 1504  
 Srinivasan SR, 469  
 Staggers F, 1060  
 Stalco R, 751  
 Stalenhoef AFH, 264  
 Stamatelopoulos S, 1386  
 Steendijk P, 140, 1111
- Steg PG, 509  
 Stegemann B, 1104  
 Stein E, 189  
 Stein KM, 391  
 Stein PD, 1525  
 Steinberg JS, 871  
 Steinhaus DM, 771  
 Steinheimer AM, 43  
 Steinhubl SR, 1218  
 STELLAR Study Group, 360  
 Stellin G, 150  
 Stewart RAH, 898  
 Stieber DM, 1283  
 Stiles GL, 1091  
 Stoeckli M, 266  
 Stöllberger C, 922  
 Stone GW, 1, 13, 113, 355, 498, 651, 709, 1043  
 Stratton JR, 1017  
 Stratton V, 1255  
 Strehblow C, 722  
 Stridh M, 526  
 Struthers A, 412  
 Struthers AD, 1120  
 Stuckey TD, 1, 343  
 Stühlinger MC, 729  
 Stumbo P, 428  
 Su JT, 679  
 Suddath WO, 1240  
 Sugioka K, 1263  
 Sugiyara T, 789, 1235  
 Sugiyama M, 1235  
 Sukhija R, 695  
 Sulafa AKM, 607  
 Suleiman K, 989  
 Sulliman MD, 1492  
 Sumi T, 849  
 Sumitomo N, 522  
 Summers RL, 1128  
 Sun BC, 668  
 Sundsfør T, 1187  
 Sundseth SS, 194  
 Suryapranata H, 234, 1361, 1375, 1459  
 Sütsch G, 1415  
 Suzuki T, 1076  
 Swaminathan A, 651  
 Sweeney M, 36  
 Sweeney MO, 966  
 Symeonides P, 1386
- Tachibana T, 143  
 Tacy T, 1255  
 Tada H, 660  
 Tahara Y, 1366  
 Taiti A, 1351  
 Taiji AJ, 535  
 Takada G, 1338  
 Takase H, 1235  
 Takayama T, 522  
 Takayanagi K, 506  
 Takebayashi H, 355, 498  
 Takekoto Y, 1263  
 Takeuchi M, 1363  
 Taireja A, 1114  
 Tamburino C, 1466  
 Tamimi O, 607  
 Tamura M, 1338  
 Tanaka Y, 1425  
 Tandri H, 1508  
 Tang R, 469  
 Stalco R, 751  
 Stalenhoef AFH, 264  
 Stamatelopoulos S, 1386  
 Steendijk P, 140, 1111
- Tatla DS, 274  
 Tatum JL, 398  
 Tavel ME, 902  
 Taylor T, 1025  
 Taylor A, 1080  
 Taylor AL, 697  
 Taylor D, 1002  
 Taylor DO, 367  
 Taylor HA Jr, 401  
 Tcheng JE, 1, 1091  
 Tebbe U, 1302  
 Techen G, 113  
 Tel C, 517  
 Teirstein PS, 1140  
 ten Cate FJ, 1130  
 Terrin ML, 254  
 Terrovitis JV, 768  
 Tesaf D, 675  
 Thalassinos N, 1386  
 Thangaroopan M, 295  
 Tharakarn J, 1504  
 Thelle D, 1448  
 Theodoridis T, 1386  
 Theroux P, 614  
 Therrien J, 779  
 Theuns DAMJ, 271  
 Thomas JD, 647, 941  
 Thompson RC, 771  
 Thorn B, 1453  
 Tichelli C, 1508  
 TIMI Study Group, 224, 337, 383  
 Timmer JR, 1375  
 Timmermans J, 795  
 Tipping RW, 983  
 Titus T, 1504  
 Toda N, 1366  
 Todaro TG, 614  
 Toide H, 660  
 Toker S, 152  
 Tommasi MS, 930  
 Tomohiro Y, 1076  
 Tomoike H, 143  
 Tompa A, 452  
 Tander N, 433  
 Tonello D, 116  
 Tonstad S, 1187  
 Topol EJ, 581, 611, 716, 791, 805, 1218, 1371, 1404  
 Toriyama T, 1235  
 Torre-Amione G, 367  
 Tosoni A, 150  
 Toth C, 1283  
 Toumanides S, 1518  
 Toutouzas P, 1386  
 Toyono M, 1338  
 Tran T, 249  
 Tresukosol D, 161  
 Triantafyllou K, 1386  
 Trinchero R, 1393  
 Trindade P-T, 436  
 Trip MD, 264, 1085  
 Troughton RW, 647  
 Tsaglou E, 757, 1466  
 Tsaglou EP, 768  
 Tsai TT, 48  
 Tsao L, 1117  
 Tso T, 665  
 Tsolakis E, 768  
 Tsuchida K, 644  
 Tsuchiya Y, 113  
 Tsuji T, 636  
 Tsujita K, 514  
 Tsukahara K, 1366

- Tsunoda T, 636  
 Tsutsumi JM, 565  
 Tu K, 283  
 Tuinenburg JC, 457  
 Tung R, 948  
 Tunick PA, 852  
 Turco M, 1  
 Turgeman Y, 989  
 Tuttle RH, 182  
 Tymchak W, 1002  
 Udayachalerm W, 161  
 Udelson JE, 1329  
 Ueda R, 1235  
 Ueno T, 517  
 Ujda M, 1283  
 Ujino K, 1263  
 Umemura S, 1366  
 Unger F, 439  
 Unger P, 421  
 Unic D, 1500  
 Vach W, 96  
 Vaitkus PT, 755  
 Valenti R, 930  
 Valgimigli M, 644  
 Val-HeFT Study Investigators, 529  
 Valkema R, 1223  
 Vallabhan RC, 993  
 Van Camp G, 421  
 Van de Veire N, 421, 1020  
 Van de Werf F, 1371, 1404  
 van den Berg MP, 795  
 van der Giessen WJ, 167  
 van der Horst ICC, 1375  
 van der Laan M, 274  
 van der Wall EE, 140, 457, 571, 925, 996, 1111  
 van Domburg RT, 167, 1072, 1223  
 van Erven L, 1111  
 van Es G-A, 439  
 Van Mieghem CAG, 644  
 van Sambeek MRHM, 658  
 van 't Hof AWJ, 1375  
 van Tintelen JP, 795  
 van Waning VH, 658  
 van Wissen S, 264  
 Vandervoort P, 421  
 van't Hof AWJ, 234, 1361, 1459  
 Varani E, 1409  
 Vargas-Barrón J, 1153  
 Varmi R, 269, 742  
 Varnier M, 150  
 Varvarenko V, 1518  
 Vasamreddy C, 655  
 Vaturi M, 1014  
 Veerani A, 88  
 Vega GL, 462, 1309  
 Veligha A, 1020  
 Venkataraman R, 304  
 Ventura HO, 367  
 Vernis JM, 417  
 VerSteeg DS, 343  
 Verhey HF, 140  
 Veselka J, 675  
 Veterans Integrated Service Network 8 Pharmacy Benefits Management Utilization Committee, 1481  
 Vicaut E, 821  
 Vick GW III, 679  
 Vickers FF, 862  
 Vidy DG, 123  
 Vieillard-Baron A, 1260  
 Viergever EP, 925  
 Viger C, 1277  
 Vik-Mo H, 24  
 Vincent AS, 1389  
 Virani SS, 1258  
 Visonà A, 116  
 Vistaíner PF, 742  
 Vita JA, 266  
 Vitale C, 327  
 Vittinghoff E, 289  
 Vittori G, 1466  
 Vivekanathan D, 716  
 Vlachos H, 575  
 Vloka M, 871  
 Vogt W, 553  
 Volterrani M, 327  
 von Haehling S, 885  
 Vratislava E, 1386  
 Wachtell K, 132, 280  
 Wacker A, 776  
 Wada M, 636  
 Waerber G, 194  
 Wagenknecht LE, 1180  
 Waggoner AD, 286  
 Wagner GS, 611  
 Wahl R, 843  
 Waksman R, 1240  
 Walenga JM, 744  
 Wall L, 970  
 Wallentin L, 1448  
 Walling A, 249  
 Wang H, 36  
 Wang J, 1496  
 Wang X-F, 1496  
 Warburton DER, 1080  
 Warnholtz A, 20  
 Warren B, 544  
 Washam JB, 976  
 Waterworth DM, 194  
 Weaver AN, 1097  
 Weaver WD, 614, 1404  
 Webb G, 779  
 Weinberg PM, 1514  
 Weinstock J, 1484  
 Weisbord A, 224  
 Weiss MB, 742, 1472  
 Weissman NJ, 105, 107, 1240  
 Welch RD, 843  
 Wergeland R, 24  
 Werner D, 1534  
 Werner U, 1534  
 Wesley-Farrington D, 603  
 West TM, 898  
 Westpfal M, 963  
 Wettrell G, 433  
 Whellan DJ, 1243  
 White HD, 1371, 1404  
 White LJ, 1192  
 White M, 558  
 Whitehead KK, 1514  
 Whitsett TL, 1389  
 Whittle J, 970  
 Whooley MA, 332, 1175, 1474  
 Wichter T, 892  
 Wichterle D, 999  
 Widlitz AC, 199  
 Wightman MB, 1091  
 Wijsns W, 439  
 Wikby A, 452  
 Wilber D, 597  
 Wilensky RL, 575, 1135  
 Wilhelm F, 1085  
 Wilkinson CW, 1492  
 Wilkoff B, 1431  
 Willems HJ, 1049, 1521  
 Williams DO, 1135  
 Williams MA, 1529  
 Williams W, 779  
 Wilson BF, 391  
 Wilson AC, 29, 671  
 Wilson MF, 761  
 Witham MD, 1120  
 Witt SA, 801  
 Wolff AA, 311  
 Wolski K, 581  
 Wong ND, 626  
 Wong SC, 1043  
 Woo GW, 889  
 Wood MA, 1248  
 Worthley MI, 1170  
 Wortsman RL, 983  
 Wu AH, 367  
 Wyman MG, 818  
 Wyman RM, 818  
 Wyszynski DF, 194  
 Xie F, 565  
 Xie M-X, 1496  
 Yadav AV, 818  
 Yadav JS, 297, 716, 791  
 Yamabe H, 1425  
 Yamada H, 941  
 Yamada M, 660  
 Yamagishi M, 143  
 Yamaguchi H, 1076  
 Yamamoto M, 636, 636  
 Yamasaki F, 789  
 Yamazaki T, 300  
 Yancy CW Jr., 367  
 Yanek LR, 1320  
 Yang N-I, 84  
 Yano H, 1366  
 Yarlagadda RK, 391  
 Yarzebski J, 258  
 Yasuda T, 355, 498  
 Yen MH, 297  
 Yetman AT, 697, 1125  
 Yip GWK, 126  
 Yoo HS, 729  
 Yoon AJ, 852  
 Yosefy C, 1014  
 Yoshikawa J, 1263, 1363  
 Yoshimura M, 514  
 Yoshitama T, 636  
 Yoshitani H, 1363  
 Yotsumoto G, 517  
 Young JB, 367  
 Young JJ, 511  
 Yu C-M, 126  
 Yu KH, 729  
 Yuan Z, 462  
 Yuge K, 517  
 Yun KH, 619  
 Zabalgoitia M, 1153  
 Zaccaria M, 150  
 Zahid M, 970  
 Zahn R, 1302  
 Zairis MN, 386  
 Zalenski RJ, 843  
 Zambrano JP, 88, 1258  
 Zammitt C, 269  
 Zamorano JL, 809  
 Zanolli R, 292  
 Zareba W, 1487  
 Zaret BL, 1199  
 Zavitz DH, 1267  
 Zeltser D, 152  
 Zenovich AG, 1329  
 Zeppenfeld K, 1111  
 Zeymer U, 1302  
 Zhang G, 143  
 Zhang Q, 126  
 Zhang Y, 126, 1180  
 Zhao X-Q, 367  
 Zidar DA, 744  
 Zijlstra F, 1375  
 Zipes DP, 818  
 Zipoli A, 1351  
 Zoghbi GH, 304  
 Zucco J, 748  
 Zwolle Myocardial Infarction Study Group, 1375

## SUBJECT INDEX

JANUARY 1, 2005 THROUGH JUNE 15, 2005

### Accessory Pathways

Effect of Conduction Mode and Location on Electro-physiologic Characteristics of Accessory Pathways, 1250

### Acetylcholine

Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235

### Acquired Immune Deficiency

**Syndrome.** See **HIV/AIDS Infected Patients**

### ACTION Trial

Comparison of *Enoxaparin Versus Heparin* During Elective Percutaneous Coronary Intervention Performed With Either *Eptifibatide* or *Tirofiban* (The ACTION TRIAL), 1295

### Acute Coronary Syndromes

Characterization of Myocardial Infarction as an End Point in Two Large Trials of Acute Coronary Syndromes, 1404

Comparison of Clinical Presentation of Acute Myocarditis Following Smallpox Vaccination to Acute Coronary Syndromes in Patients <40 Years of Age, 1252

Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355

Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290

Effect of Both Elevated Troponin-I and Peripheral White Blood Cell Count on Prognosis in Patients With Suspected Myocardial Injury, 970

Fate of Unprotected Side Branches as Related to Embolic Complications During Stent Implantation for Acute Coronary Syndromes Using a Distal Protection Procedure, 636

Predictors of Left Main or Three-Vessel Disease in Patients Who Have Acute Coronary Syndromes With Non-ST-Segment Elevation, 1366

Relation of CD39 to Plaque Instability and Thrombus Formation in Directional Atherectomy Specimens from Patients With Stable and Unstable Angina Pectoris, 632

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

Usefulness of Chest Pain Character and Location as Diagnostic Indicators of an Acute Coronary Syndrome, 1228

### Adenosine

Direct Demonstration by Transthoracic Doppler Echocardiography of Adenosine-Induced Coronary Steal in the Collateral-Dependent Vessel, 1363

### ADP Receptor

*Aspirin* Resistance and a Single Gene, 805

### Adrenergic Beta-Antagonist

Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827

### AFFIRM Study

Influence of the Randomized Trials, AFFIRM and RACE, on the Management of Atrial Fibrillation in Two University Medical Centers, 1248

Use of *Amiodarone* for Atrial Fibrillation in Patients With Preexisting Pulmonary Disease in the AFFIRM Study, 404

### African-Americans

Predictors of Low-Density Lipoprotein Particle Size in a High-Risk African-American Population, 1320

Relation of Aortic Valve Sclerosis to Risk of Coronary Heart Disease in African-Americans, 401

### Age. See also Elderly

Effect of Light-to-Moderate Alcohol Consumption on Age-Associated Arterial Stiffening, 1006

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity (E') and the Ratio of Transmural Early Peak Velocity to E' (E/E'), 1020

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420

### AIDS. See HIV/AIDS Infected Patients

### Albumin

Effect of Serum Albumin on QRS Wave Amplitude in Patients Free of Heart Disease, 789

### Alcohol

Effect of Light-to-Moderate Alcohol Consumption on Age-Associated Arterial Stiffening, 1006

### Aldosterone

Effects of *Aldosterone* on Forearm Vasculature in Treated Chronic Heart Failure, 412

### Ambulatory Monitoring

Comparison of Auto-triggered Memory Loop Recorders Versus Standard Loop Recorders Versus 24-Hour Holter Monitors for Arrhythmia Detection, 1055

### Amiodarone

Use of *Amiodarone* for Atrial Fibrillation in Patients With Preexisting Pulmonary Disease in the AFFIRM Study, 404

Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821

### Amplazter Closure

Effect on Right Ventricular Volume of Percutaneous Amplazter Closure of Atrial Septal Defect in Adults, 993

### Amyloidosis

Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538

Electrocardiographic Findings in Primary Systemic Amyloidosis and Biopsy-Proven Cardiac Involvement, 535

### Anemia

Association of Anemia With Diastolic Dysfunction Among Patients With Coronary Artery Disease in the Heart and Soul Study, 332

Relation of Anemia to Low Heart Rate Variability in Patients With Coronary Heart Disease (from the Heart and Soul Study), 1474

### Aneurysmectomy

Relation of Aneurysmectomy in Patients With Advanced Left Ventricular Remodeling to Postoperative Left Ventricular Filling Pressure, Redilatation With Ischemic Mitral Regurgitation, 517

### Angina Pectoris. See also Chest Pain; Coronary Artery Disease

Antianginal Efficacy of *Omipatrilat* in Patients With Chronic Angina Pectoris, 1283

Association of Endothelin-1 With Transient Myocardial Ischemia in Patients With Unstable Angina Pectoris, 492

Cardiac Multidetector-Row Computed Tomography in Patients With Unstable Angina, 457

Comparative Efficacy of *Ranolazine Versus Atenolol* for Chronic Angina Pectoris, 311

Comparison of the Cardioprotective Effect of Prodromal Angina Pectoris and Collateral Circulation in Patients With a First Anterior Wall Acute Myocardial Infarction, 622

Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502

Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235

Frequency and Efficacy of Repeat Enhanced External Counterpulsation for Stable Angina Pectoris (from the International EEC-P Patient Registry), 394

Lipid Management in Patients With Unstable Angina Pectoris and Non-ST-Segment Elevation Acute Myocardial Infarction (from CRUSADE), 483

Meta-Analysis of Survival and Relief of Angina Pectoris After Transmyocardial Revascularization, 1243

Plasma Asymmetric Dimethylarginine Concentrations in Newly Diagnosed Patients With Acute Myocardial Infarction or Unstable Angina Pectoris During Two Weeks of Medical Treatment, 729

Relation of CD39 to Plaque Instability and Thrombus Formation in Directional Atherectomy Specimens from Patients With Stable and Unstable Angina Pectoris, 632

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

## Angiogenesis

Longevity of the Placebo Effect in the Therapeutic Angiogenesis and Laser Myocardial Revascularization Trials in Patients With Coronary Heart Disease, 1456

## Angiography

Computed Tomographic Angiography Coming of Age, 839

Relation of Progression of Coronary Artery Atherosclerosis to Risk of Cardiovascular Events (from the Monitored Atherosclerosis Regression Study), 1277

## Angiomax

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without INtegrilin [DEACON] Study), 1453

## Angioplasty. See also Percutaneous Coronary Intervention

Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709

Incidence and Predictors of Target Vessel Revascularization and Clinical Events Rates of the Sirolimus-Eluting Coronary Stent (Results from the Prospective Multicenter German Cypher Stent Registry), 1302

Long-Term Benefits of *Monteplase* Before Coronary Angioplasty in Acute Myocardial Infarction, 506

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415

A Novel Mechanism Explaining Early Lumen Loss Following Balloon Angioplasty for the Treatment of In-Stent Restenosis, 751

Outcomes Following Elective Percutaneous Coronary Intervention Without On-Site Surgical Backup in a Community Hospital, 1091

Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343

Relation of Interhospital Delay and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Transferred for Primary Coronary Angioplasty, 1361

Relation of the Use of Lipid-Lowering Medications Prior to Percutaneous Coronary Intervention to the Incidence of Intraprocedural Adverse Angiographic Events, 978

Safety of Coronary Stenting With *Eptifibatide* and Ultra-Low-Dose *Heparin*, 630

## Ankle-Brachial Index

Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005

## Antiarrhythmics

Relation of Initial Resting Ventricular Rate to the Ability to Achieve and Maintain Normal Sinus Rhythm in Patients With Atrial Fibrillation, 597

Time Frequency Analysis of the Surface Electrocardiogram for Monitoring Antiarrhythmic Drug Effects in Atrial Fibrillation, 526

## Anticoagulation

*Bivalirudin* Versus *Heparin* and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581

## Antiplatelet Agents

Incidence of Antiplatelet Factor 4/Heparin Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without INtegrilin [DEACON] Study), 1453

## Antiretroviral Therapy

Impact of Dyslipidemia Associated With Highly Active Antiretroviral Therapy (HAART) on Cardiovascular Risk and Life Expectancy, 586

## Antithrombin Agents

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without INtegrilin [DEACON] Study), 1453

## Aortic Dilatation

Usefulness of *Enalapril* Versus *Propranolol* or *Atenolol* for Prevention of Aortic Dilatation in Patients With the Marfan Syndrome, 1125

## Aortic Regurgitation. See also Regurgitant Fraction

Factors Related to Aortic Regurgitation in the Presence of a Dilated Aortic Root, 417

## Aortic Root

Factors Related to Aortic Regurgitation in the Presence of a Dilated Aortic Root, 417

## Aortic Stenosis

Physical Determinants of Systolic Murmur Intensity in Aortic Stenosis, 775

Usefulness of a New Sound Spectral Averaging Technique to Distinguish an Innocent Systolic Murmur from That of Aortic Stenosis, 902

Usefulness of Serial Measurement of N-Terminal Pro-Brain Natriuretic Peptide Plasma Levels in Asymptomatic Patients With Aortic Stenosis to Predict Symptomatic Deterioration, 898

## Aortic Stiffness

Comparison of Aortic Stiffness in Patients With Juvenile Forms of Ascending Aortic Dilation With Versus Without Marfan's Syndrome, 996

## Aortic Valve Calcium

Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005

## Aortic Valve Sclerosis

Relation of Aortic Valve Sclerosis to Risk of Coronary Heart Disease in African-Americans, 401

## Aortocoronary Saphenous Vein

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415

## Apheresis

Effect of Low-Density Lipoprotein Apheresis on Lipoprotein-Associated Phospholipase A<sub>2</sub>, 1246

## Apoprotic Endothelial Microparticles

Correlation Between Apoprotic Endothelial Microparticles and Serum Interleukin 6 and C-Reactive Protein in Healthy Men, 1258

## Arrhythmias

Anatomic Substrate, Procedural Results, and Clinical Outcome of Ultrasound-Guided Left Atrial-Pulmonary Vein Dissection for Treatment of Atrial Fibrillation, 871

Comparison of Autotriggered Memory Loop Recorders Versus Standard Loop Recorders Versus 24-Hour Holter Monitors for Arrhythmia Detection, 1055

Comparison of Low-Mechanical Index Pulse Sequence Schemes for Detecting Myocardial Perfusion Abnormalities During Vasodilator Stress Echocardiography, 565

A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1431

Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593

Effect of Statin Therapy on Risk of Ventricular Arrhythmia Among Patients With Coronary Artery Disease and an Implantable Cardioverter-Defibrillator, 490

Electrophysiologic Characteristics of *Verapamil*-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425

First Experience With a Mobile Cardiac Outpatient Telemetry (MCOT) System for the Diagnosis and Management of Cardiac Arrhythmia, 879

Predictors of Lack of Response to Resynchronization Therapy, 1436

Prevalence of T-Wave Inversion Beyond V<sub>1</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070

Relation of Elevated C-Reactive Protein and Interleukin-6 Levels to Left Atrial Size and Duration of Episodes in Patients With Atrial Fibrillation, 764

Relation of Initial Resting Ventricular Rate to the Ability to Achieve and Maintain Normal Sinus Rhythm in Patients With Atrial Fibrillation, 597

Relation of Interleukin-6 Levels and Prothrombin Fragment 1+2 to a Point-Based Score for Stroke Risk in Atrial Fibrillation, 881

Time Frequency Analysis of the Surface Electrocardiogram for Monitoring Antiarrhythmic Drug Effects in Atrial Fibrillation, 526

Tissue Tracking Imaging as a New Modality for Identifying the Origin of Idiopathic Ventricular Arrhythmias, 660

Use of *Amiodarone* for Atrial Fibrillation in Patients With Preexisting Pulmonary Disease in the AFFIRM Study, 404

- Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821
- Arrhythmogenic Right Ventricular Cardiomyopathy.** See **Cardiomyopathy**
- Arrhythmogenic Right Ventricular Dysplasia.** See **Dysplasia**
- Arterial Stiffness**  
Effect of Light-to-Moderate Alcohol Consumption on Age-Associated Arterial Stiffening, 1006
- Arteriosclerosis.** See also **Atherosclerosis**  
Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827  
Effect of Light-to-Moderate Alcohol Consumption on Age-Associated Arterial Stiffening, 1006
- ARTS Trial**  
Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II, 439
- Aspirin**  
Analysis of Risk of Bleeding Complications After Different Doses of *Aspirin* in 192,036 Patients Enrolled in 31 Randomized Controlled Trials, 1218  
*Aspirin* Resistance and a Single Gene, 805  
Compliance as a Critical Consideration in Patients Who Appear to Be Resistant to Aspirin After Healing of Myocardial Infarction, 973  
Rapid Desensitization Procedure for Patients With *Aspirin* Hypersensitivity Undergoing Coronary Stenting, 509
- Atenolol**  
Comparative Efficacy of *Ranolazine* Versus *Atenolol* for Chronic Angina Pectoris, 311  
Usefulness of *Enalapril* Versus *Propranolol* or *Atenolol* for Prevention of Aortic Dilation in Patients With the Marfan Syndrome, 1125
- Atherectomy**  
Relation of CD39 to Plaque Instability and Thrombus Formation in Directional Atherectomy Specimens From Patients With Stable and Unstable Angina Pectoris, 632
- Atherogenic Lipids**  
Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187
- Atherosclerosis.** See also **Arteriosclerosis; Plaque**  
Depressive Symptoms Are Interdependently Predictive of Carotid Atherosclerosis, 547  
Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290  
Effectiveness of Inhibition of Cholesterol Ester Transfer Protein by *JTT-705* in Combination With *Pravastatin* in Type II Dyslipidemia, 1085
- Long-Term *Fluvastatin* Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445  
Prevalence of Valve Calcium and Association of Valve Calcium With Coronary Artery Disease, Atherosclerotic Vascular Disease, and All-Cause Mortality in 137 Patients Undergoing Hemodialysis for Chronic Renal Failure, 742  
Relation of Basal Coronary Nitric Oxide Activity to the Burden of Atherosclerosis, 1170  
Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005  
Relation of Progression of Coronary Artery Atherosclerosis to Risk of Cardiovascular Events (from the Monitored Atherosclerosis Regression Study), 1277  
Relation of the Metabolic Syndrome to Calcified Atherosclerotic Plaque in the Coronary Arteries and Aorta, 1180
- Atorvastatin**  
Cost Effectiveness of *Rosuvastatin* in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With *Atorvastatin*, *Pravastatin*, and *Simvastatin* (a US Analysis of the STELLAR Trial), 1314  
Effects of *Atorvastatin* Versus Other Statins on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With Coronary Heart Disease Versus Control Subjects, 1025  
Effects of *Rosuvastatin*, *Atorvastatin*, *Simvastatin*, and *Pravastatin* on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360
- Atrial Fibrillation**  
Anatomic Substrate, Procedural Results, and Clinical Outcome of Ultrasound-Guided Left Atrial-Pulmonary Vein Dissection for Treatment of Atrial Fibrillation, 871  
Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593  
Influence of the Randomized Trials, AFFIRM and RACE, on the Management of Atrial Fibrillation in Two University Medical Centers, 1248  
Relation of Elevated C-Reactive Protein and Interleukin-6 Levels to Left Atrial Size and Duration of Episodes in Patients With Atrial Fibrillation, 764  
Relation of Initial Resting Ventricular Rate to the Ability to Achieve and Maintain Normal Sinus Rhythm in Patients With Atrial Fibrillation, 597  
Relation of Interleukin-6 Levels and Prothrombin Fragment 1+2 to a Point-Based Score for Stroke Risk in Atrial Fibrillation, 881  
Time Frequency Analysis of the Surface Electrocardiogram for Monitoring Antiarrhythmic Drug Effects in Atrial Fibrillation, 526  
Use of *Amiodarone* for Atrial Fibrillation in Patients With Preexisting Pulmonary Disease in the AFFIRM Study, 404  
Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941
- Usefulness of Plasma B-Type Natriuretic Peptide in Predicting Recurrence of Atrial Fibrillation One Year After External Cardioversion, 1380
- Atrial Hemodynamic**  
Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941
- Atrial Septal Defect**  
Effect of Acute Changes in Load on Left Ventricular Diastolic Function During Device Closure of Atrial Septal Defects, 686  
Effect on Right Ventricular Volume of Percutaneous Amplatzer Closure of Atrial Septal Defect in Adults, 993
- Atrial Switch**  
Catheter Management of Occluded Superior Baffle After Atrial Switch Procedures for Transposition of Great Vessels, 782
- Atrioventricular Annulus**  
Electrophysiologic Characteristics of *Verapamil*-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425
- Atrioventricular Nodal Reentrant Tachycardia**  
Differentiating Atrioventricular Nodal Reentrant Tachycardia from Tachycardia Via Concealed Accessory Pathway, 875
- Atrioventricular Septal Defect**  
Echocardiographic Differentiation of Atrioventricular Septal Defects from Inlet Ventricular Septal Defects and Mitral Valve Clefts, 607
- AVID Trial**  
A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1431
- Balloon Mitral Commissurotomy**  
Feasibility, Safety, and Morphologic Predictors of Outcome of Repeat Percutaneous Balloon Mitral Commissurotomy, 989
- Balloon Mitral Valvotomy**  
Long-Term Outcome of Patients Undergoing Balloon Mitral Valvotomy in Pregnancy, 1504
- Baroreflex Sensitivity**  
Relation Between Actual Heart Rate and Autonomic Effects of Beta Blockade in Healthy Men, 999
- Beta-Adrenergic Receptors**  
Effect of Noradrenaline and *Isoproterenol* on Lipopolysaccharide-Induced Tumor Necrosis Factor- $\alpha$  Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885
- Beta-Blockade**  
Long-Term Effects of *Carvedilol* or *Metoprolol* on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114  
Relation Between Actual Heart Rate and Autonomic Effects of Beta Blockade in Healthy Men, 999
- Beta-Blockers**  
Do Elderly Systolic Heart Failure Patients Benefit from Beta Blockers to the Same Extent as the Non-Eld-

- erly? Meta-Analysis of >12,000 Patients in Large-Scale Clinical Trials, 896
- Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827
- Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of *Bucindolol* Therapy, 558
- Use of Cardiac Resynchronization Therapy to Optimize Beta-Blocker Therapy in Patients With Heart Failure and Prolonged QRS Duration, 889
- Bifurcational Lesions**
- In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757
- Bioprostheses**
- Severe Regurgitation Immediately After Replacement of a Dysfunctional Bioprosthetic in the Mitral Valve Position, 703
- Biopsy**
- Electrocardiographic Findings in Primary Systemic Amyloidosis and Biopsy-Proven Cardiac Involvement, 535
- Bivalirudin**
- Bivalirudin Versus Heparin* and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581
- Effectiveness and Safety of *Bivalirudin* During Percutaneous Coronary Intervention in a Single Medical Center, 716
- Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without Integrilin [DEACON] Study), 1453
- Bleeding Complications**
- Analysis of Risk of Bleeding Complications After Different Doses of *Aspirin* in 192,036 Patients Enrolled in 31 Randomized Controlled Trials, 1218
- Blood Flow**
- Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235
- Blood Pressure. See Hemodynamics; Hypertension**
- BMI. See Body Mass Index**
- Body Mass Index. See also Obesity**
- Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II?, 439
- Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709
- Bogalusa Heart Study**
- Impact of Multiple Cardiovascular Risk Factors on Femoral Artery Intima-Media Thickness in Asymptomatic Young Adults (The Bogalusa Heart Study), 469
- Bowditch Treppe**
- Usefulness of Latent Left Ventricular Dysfunction Assessed by Bowditch Treppe to Predict Stress-Induced Pulmonary Hypertension in Minimally Symptomatic Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse, 414
- Brachial Artery**
- Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X, 1478
- Effect of Hyperhomocysteinemia Induced by *Methionine* Administration on Flow-Mediated Dilatation of the Brachial Artery in Healthy Subjects, 428
- Brain Natriuretic Peptides. See Natriuretic Peptides**
- Brazilians**
- Relation of Serum Uric Acid With Metabolic Risk Factors in Asymptomatic Middle-Aged Brazilian Men, 865
- Bucindolol**
- Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of *Bucindolol* Therapy, 558
- C-Reactive Protein**
- Comparison of C-Reactive Protein Levels After Coronary Stenting With Bare Metal Versus Sirolimus-Eluting Stents, 748
- Comparison of C-Reactive Protein Levels Before and After Coronary Stenting and Restenosis Among Patients Treated With Sirolimus-Eluting Versus Bare Metal Stents, 1238
- Comparison of the Effects of *Ramipril* Versus *Telmisartan* in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386
- Correlation Between Apoprotic Endothelial Microparticles and Serum Interleukin-6 and C-Reactive Protein in Healthy Men, 1258
- Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235
- Effects of *Atorvastatin* Versus Other Statins on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With Coronary Heart Disease Versus Control Subjects, 1025
- Effects of Interleukin-6 Produced in Coronary Circulation on Production of C-Reactive Protein and Coronary Microvascular Resistance, 849
- Preprocedural Plasma C-Reactive Protein Levels, Post-procedural Creatine Kinase-MB Release, and Long-Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386
- Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317
- Relation of Elevated C-Reactive Protein and Interleukin-6 Levels to Left Atrial Size and Duration of Episodes in Patients With Atrial Fibrillation, 764**
- Utility of C-Reactive Protein Measurement in Risk Stratification During Primary Cardiovascular Disease Prevention, 1378**
- Caffeine**
- Hemodynamic Mechanisms Underlying the Incomplete Tolerance to Caffeine's Pressor Effects, 1389
- Calcification**
- Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626
- Relation of Family History of Premature Coronary Heart Disease and Metabolic Risk Factors to Risk of Coronary Arterial Calcium in Asymptomatic Subjects, 655
- Relation of the Metabolic Syndrome to Calcified Atherosclerotic Plaque in the Coronary Arteries and Aorta, 1180
- Calcium**
- Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337
- Impact of Coronary Calcium Score on Diagnostic Accuracy for the Detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography, 1225
- Prevalence of Valve Calcium and Association of Valve Calcium With Coronary Artery Disease, Atherosclerotic Vascular Disease, and All-Cause Mortality in 137 Patients Undergoing Hemodialysis for Chronic Renal Failure, 742
- Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005
- Cancer**
- Relation of Acute Pericardial Disease to Malignancy, 1393
- Cannulation**
- Effectiveness of Ulnar Artery Catheterization After Failed Attempt to Cannulate a Radial Artery, 1529
- CARDIA Study**
- Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626
- Cardiac Arrest**
- Effect of Cardiac Resynchronization Therapy on Inducibility of Ventricular Tachyarrhythmias in Cardiac Arrest Survivors With Either Ischemic or Idiopathic Dilated Cardiomyopathy, 1111
- Cardiac Resynchronization Therapy**
- Use of Cardiac Resynchronization Therapy to Optimize Beta-Blocker Therapy in Patients With Heart Failure and Prolonged QRS Duration, 889
- Cardiac Syndrome X**
- Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X, 1478

**CARDINAL Trial**

Prognostic Usefulness of White Blood Cell Count and Temperature in Acute Myocardial Infarction (from the CARDINAL Trial), 614

**Cardiomyopathy. See also Myopathy**

Circulating Levels of Heart-Type Fatty Acid-Binding Protein and Its Relation to Thallium-201 Perfusion Defects in Patients With Hypertrophic Cardiomyopathy, 1334

Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809

Effect of Cardiac Resynchronization Therapy on Inducibility of Ventricular Tachyarrhythmias in Cardiac Arrest Survivors With Either Ischemic or Idiopathic Dilated Cardiomyopathy, 1111

Effects of Varying Ethanol Dosing on Percutaneous Septal Ablation for Obstructive Hypertrophic Cardiomyopathy on Early Hemodynamic Changes, 675

Global and Regional Parameters of Dyssynchrony in Ischemic and Nonischemic Cardiomyopathy, 421

Long-Term Effects of *Carvedilol* or *Metoprolol* on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114

Long-Term Follow-Up of Patients With Obstructive Hypertrophic Cardiomyopathy Treated With Dual-Chamber Pacing, 991

Prevalence of T-Wave Inversion Beyond V<sub>1</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070

Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/ Cardiomyopathy Using Magnetic Resonance Imaging, 1507

Significance and Relation Between Magnitude of Left Ventricular Hypertrophy and Heart Failure Symptoms in Hypertrophic Cardiomyopathy, 1329

Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935

Usefulness of Prolonged QRS Duration to Identify High-Risk Ischemic Cardiomyopathy Patients With Syncpe and Inducible Ventricular Tachycardia, 391

Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821

Value of B-Type Natriuretic Peptide for Identifying Significantly Elevated Pulmonary Artery Wedge Pressure in Patients Treated for Established Chronic Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 883

**Cardioprotective Effect**

Comparison of the Cardioprotective Effect of Prodromal Angina Pectoris and Collateral Circulation in Patients With a First Anterior Wall Acute Myocardial Infarction, 622

**Cardiopulmonary Resuscitation (CPR)**

Cardiac Arrest of Nonpatients Within Hospital Public Areas, 1370

**Cardiovascular Disease**

Relation of Progression of Coronary Artery Atherosclerosis to Risk of Cardiovascular Events (from the Monitored Atherosclerosis Regression Study), 1277

**Cardioversion**

Usefulness of Plasma B-Type Natriuretic Peptide in Predicting Recurrence of Atrial Fibrillation One Year After External Cardioversion, 1380

**Carotid Artery**

Comparison of the Safety and Efficacy of Emboli Prevention Devices Versus Platelet Glycoprotein IIb/IIIa Inhibition During Carotid Stenting, 791

Depressive Symptoms Are Interdependently Predictive of Carotid Atherosclerosis, 547

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415

**Carvedilol**

Long-Term Effects of *Carvedilol* or *Metoprolol* on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114

**Catecholaminergic Polymorphic Ventricular Tachycardia**

Unusual Clinical Presentation in a Family With Catecholaminergic Polymorphic Ventricular Tachycardia Due to a G14876A Ryanodine Receptor Gene Mutation, 700

**Catheter Ablation**

Anatomic Substrate, Procedural Results, and Clinical Outcome of Ultrasound-Guided Left Atrial-Pulmonary Vein Dissection for Treatment of Atrial Fibrillation, 871

**Catheter Intervention**

Catheter Management of Occluded Superior Baffle After Atrial Switch Procedures for Transposition of Great Vessels, 782

**Catheterization**

Effectiveness of Ulnar Artery Catheterization After Failed Attempt to Cannulate a Radial Artery, 1529

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

**CD39**

Relation of CD39 to Plaque Instability and Thrombus Formation in Directional Atherectomy Specimens from Patients With Stable and Unstable Angina Pectoris, 632

**Cerebrovascular Disease**

Usefulness of Noncoronary Vascular Disease in Predicting Adverse Events in the Year Following Percutaneous Coronary Intervention, 575

Valvular Heart Disease as a Cause of Cerebrovascular Disease in Patients With Systemic Lupus Erythematosus, 1441

**Chest Pain. See also Angina Pectoris**

Usefulness of Chest Pain Character and Location as Diagnostic Indicators of an Acute Coronary Syndrome, 1228

**Children. See Pediatrics****Cholesterol. See also Lipids**

Comparison of the Effects of *Ramipril* Versus *Telmisartan* in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

Cost Effectiveness of *Rosuvastatin* in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With *Atorvastatin*, *Pravastatin*, and *Simvastatin* (a US Analysis of the STELLAR Trial), 1314

Effect of Docosahexaenoic Acid on Lipoprotein Subclasses in Hyperlipidemic Children (the EARLY Study), 869

Effect of Low-Density Lipoprotein Apheresis on Lipoprotein-Associated Phospholipase A<sub>2</sub>, 1246

Effect of Splitting *Simvastatin* Tablets for Control of Low-Density Lipoprotein Cholesterol, 1481

Effectiveness of Inhibition of Cholesteryl Ester Transfer Protein by *JTT-705* in Combination With *Pravastatin* in Type II Dyslipidemia, 1085

Effects of *Rosuvastatin*, *Atorvastatin*, *Simvastatin*, and *Pravastatin* on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360

Estimating Cholesterol Treatment Rates Among Individuals With Multiple Risk Factors and Without Coronary Heart Disease, 862

Relation of the Use of Lipid-Lowering Medications Prior to Percutaneous Coronary Intervention to the Incidence of Intraprocedural Adverse Angiographic Events, 978

**Cholesteryl Ester Transfer Protein**

Effectiveness of Inhibition of Cholesteryl Ester Transfer Protein by *JTT-705* in Combination With *Pravastatin* in Type II Dyslipidemia, 1085

**Chronic Total Coronary Artery Occlusion**

Effect of Chronic Total Coronary Occlusion on Treatment Strategy, 1088

Success, Safety, and Mechanisms of Failure of Percutaneous Coronary Intervention for Occlusive Non-Drug-Eluting In-Stent Restenosis Versus Native Artery Total Occlusion, 1462

**Cilostazol**

Comparison of *Cilostazol* and *Clopidogrel* After Successful Coronary Stenting, 859

**Cirrhosis**

Effect of Cirrhosis and Liver Transplantation on the Gender Difference in QT Interval, 691

**Clopidogrel**

Comparison of *Cilostazol* and *Clopidogrel* After Successful Coronary Stenting, 859

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, *Clopidogrel* With or Without INTEGRIN [DEACON] Study), 1453

**Collateral Circulation**

Comparison of the Cardioprotective Effect of Prodromal Angina Pectoris and Collateral Circulation in Patients With a First Anterior Wall Acute Myocardial Infarction, 622

## **Collateral-Dependent Vessel**

Direct Demonstration by Transthoracic Doppler Echocardiography of Adenosine-Induced Coronary Steal in the Collateral-Dependent Vessel, 1363

## **Commissurotomy**

Feasibility, Safety, and Morphologic Predictors of Outcome of Repeat Percutaneous Balloon Mitral Commissurotomy, 989

## **Compliance**

Compliance as a Critical Consideration in Patients Who Appear to Be Resistant to Aspirin After Healing of Myocardial Infarction, 973

## **Computed Tomography**

Ability for Visualization, Reasons for Nonassessable Image, and Diagnostic Accuracy of 16-Slice Multidetector Row Helical Computed Tomography for the Assessment of the Entire Coronary Arteries, 1076

Assessment of Coronary Artery Abnormalities by Multislice Spiral Computed Tomography in Adolescents and Young Adults With Kawasaki Disease, 522

Cardiac Multidetector-Row Computed Tomography in Patients With Unstable Angina, 457

Computed Tomographic Angiography Coming of Age, 839

Diagnosis of Right Ventricular Dysfunction in Acute Pulmonary Embolism Using Helical Computed Tomography, 1260

Follow-Up of Coronary Artery Bypass Graft Patency by Multislice Computed Tomography, 1094

Impact of Coronary Calcium Score on Diagnostic Accuracy for the Detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography, 1225

Noninvasive Assessment of Coronary Plaque Burden Using Multislice Computed Tomography, 1165

Noninvasive Coronary Imaging and Assessment of Left Ventricular Function Using 16-Slice Computed Tomography, 571

Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626

Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683

## **Conduction**

Comparison of Autotriggered Memory Loop Recorders Versus Standard Loop Recorders Versus 24-Hour Holter Monitors for Arrhythmia Detection, 1055

A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1435

Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593

Effect of Conduction Mode and Location on Electrophysiologic Characteristics of Accessory Pathways, 1250

Electrophysiologic Characteristics of Verapamil-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425

Impact of *Methadone* Treatment on Cardiac Repolarization and Conduction in Opioid Users, 915

Predictors of Lack of Response to Resynchronization Therapy, 1436

Relation of Initial Resting Ventricular Rate to the Ability to Achieve and Maintain Normal Sinus Rhythm in Patients With Atrial Fibrillation, 597

## **Congenital Heart Disease**

B-Type Natriuretic Peptide Levels in Adults With Congenital Heart Disease and Right Ventricular Failure, 545

Comparison of Aortic Stiffness in Patients With Juvenile Forms of Ascending Aortic Dilation With Versus Without Marfan's Syndrome, 996

Determination of Timing for Reoperation in Patients After Right Ventricular Outflow Reconstruction, 1344

Echocardiographic Differentiation of Atrioventricular Septal Defects from Inlet Ventricular Septal Defects and Mitral Valve Clefts, 607

Effectiveness of Transvenous Pacemaker Leads Placed Through Intravascular Stents in Patients With Congenital Heart Disease, 424

Effects of Metallic Implants on Magnetic Resonance Imaging Evaluation of Fontan Palliation, 688

Outcome of Operated and Unoperated Adults With Congenital Cardiac Disease Lost to Follow-Up for More Than Five Years, 776

Usefulness of Branch Pulmonary Artery Regurgitant Fraction to Estimate the Relative Right and Left Pulmonary Vascular Resistances in Congenital Heart Disease, 1514

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

Usefulness of Plasma B-Type Natriuretic Peptide to Identify Ventricular Dysfunction in Pediatric and Adult Patients With Congenital Heart Disease, 474

Usefulness of Real-Time Navigator Magnetic Resonance Imaging for Evaluating Coronary Artery Origins in Pediatric Patients, 679

## **Congestive Heart Failure. See Heart Failure**

### **Contractile Function**

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

### **Contrast Echocardiography**

Usefulness of Contrast Echocardiography for Diagnosis of Left Ventricular Noncompaction, 1130

### **Conversation With the Editor. See Interviews**

### **Coronary Angiography**

Noninvasive Coronary Imaging and Assessment of Left Ventricular Function Using 16-Slice Computed Tomography, 571

### **Coronary Arteries**

Ability for Visualization, Reasons for Nonassessable Image, and Diagnostic Accuracy of 16-Slice Multidetector Row Helical Computed Tomography for the Assessment of the Entire Coronary Arteries, 1076

Assessment of Coronary Artery Abnormalities by Multislice Spiral Computed Tomography in Adolescents and Young Adults With Kawasaki Disease, 522

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415

Relation of the Metabolic Syndrome to Calcified Atherosclerotic Plaque in the Coronary Arteries and Aorta, 1180

## **Coronary Artery Bypass. See also Revascularization**

Comparison of Left Ventricular Diastolic Function After On-Pump Versus Off-Pump Coronary Artery Bypass Grafting, 647

Follow-Up of Coronary Artery Bypass Graft Patency by Multislice Computed Tomography, 1094

Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II?, 439

Quality of Life in Octogenarians After Coronary Artery Bypass Grafting, 761

## **Coronary Artery Disease. See also Angina Pectoris**

Antianginal Efficacy of *Omapatrilat* in Patients With Chronic Angina Pectoris, 1283

Association of Anemia With Diastolic Dysfunction Among Patients With Coronary Artery Disease in the Heart and Soul Study, 332

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

Association of Height With Outcomes in Patients With Acute Myocardial Infarction Receiving Reperfusion Therapy, 1371

*Bivalirudin* Versus *Heparin* and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581

Cardiac Multidetector-Row Computed Tomography in Patients With Unstable Angina, 457

Characterization of Hibernating Myocardium With NOGA Electroanatomic Endocardial Mapping, 722

Characterization of Myocardial Infarction as an End Point in Two Large Trials of Acute Coronary Syndromes, 1404

Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452

Comparative Efficacy of *Ranolazine* Versus *Atenolol* for Chronic Angina Pectoris, 311

Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for *Dobutamine* Stress Echocardiography With Normal Versus Abnormal Test Results, 1072

Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644

Comparison of Effectiveness of Sirolimus-Eluting Stents Versus Bare Metal Stents for Percutaneous Coronary Intervention in Patients at High Risk for Coronary Restenosis or Clinical Adverse Events, 1409

- Comparison of *Enoxaprin Versus Heparin* During Elective Percutaneous Coronary Intervention Performed With Either *Eptifibatide* or *Tirofiban* (The ACTION TRIAL), 1295
- Comparison of Low-Mechanical Index Pulse Sequence Schemes for Detecting Myocardial Perfusion Abnormalities During Vasodilator Stress Echocardiography, 565
- Comparison of Mental Stress-Induced Myocardial Ischemia in Coronary Artery Disease Patients With Versus Without Left Ventricular Dysfunction, 322
- Comparison of *Trimetazidine Plus Sildenafil* to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327
- Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355
- Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290
- Doppler-Derived Left Ventricular Filling Pressures and the Regulation of Heart Rate Recovery After Exercise in Patients With Suspected Coronary Artery Disease, 832
- Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827
- Effect of Statin Therapy on Risk of Ventricular Arrhythmia Among Patients With Coronary Artery Disease and an Implantable Cardioverter-Defibrillator, 490
- Effectiveness and Safety of *Bivalirudin* During Percutaneous Coronary Intervention in a Single Medical Center, 716
- Effectiveness of High-Intensity Interval Training for the Rehabilitation of Patients With Coronary Artery Disease, 1080
- Effects of *Atorvastatin Versus Other Statins* on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With Coronary Heart Disease Versus Control Subjects, 1025
- Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420
- Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II, 439
- Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of *Bucindolol* Therapy, 558
- Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709
- In-Hospital and Long-Term Outcomes of Multivessel Percutaneous Coronary Revascularization After Acute Myocardial Infarction, 349
- Incidence and Predictors of Target Vessel Revascularization and Clinical Events: Rates of the Sirolimus-Eluting Coronary Stent (Results From the Prospective Multicenter German Cypher Stent Registry), 1302
- Influence of Stent Length to Lesion Length Ratio on Angiographic and Clinical Outcomes After Implantation of Bare Metal and Drug-Eluting Stents (the TAXUS-IV Study), 1043
- Long-Term *Fluvastatin* Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445
- Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415
- Noninvasive Coronary Imaging and Assessment of Left Ventricular Function Using 16-Slice Computed Tomography, 571
- Plasma Asymmetric *Dimethylarginine* Concentrations in Newly Diagnosed Patients With Acute Myocardial Infarction or Unstable Angina Pectoris During Two Weeks of Medical Treatment, 729
- Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients With Coronary Artery Disease and Relation to Clinical Presentation, Angiographic Severity, and Left Ventricular Ejection Fraction, 553
- Predictors of Left Main or Three-Vessel Disease in Patients Who Have Acute Coronary Syndromes With Non-ST-Segment Elevation, 1366
- Prevalence of Valve Calcium and Association of Valve Calcium With Coronary Artery Disease, Atherosclerotic Vascular Disease, and All-Cause Mortality in 137 Patients Undergoing Hemodialysis for Chronic Renal Failure, 742
- Prognostic Value of Combined Perfusion and Function by Stress Technetium-99m Sestamibi Gated SPECT Myocardial Perfusion Imaging in Patients With Suspected or Known Coronary Artery Disease, 1351
- Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343
- Relation of Anemia to Low Heart Rate Variability in Patients With Coronary Heart Disease (from the Heart and Soul Study), 1474
- Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005
- Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317
- Relation of Progression of Coronary Artery Atherosclerosis to Risk of Cardiovascular Events (from the Monitored Atherosclerosis Regression Study), 1277
- Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397
- Usefulness of Noncoronary Vascular Disease in Predicting Adverse Events in the Year Following Percutaneous Coronary Intervention, 575
- Usefulness of Real-Time Myocardial Perfusion Imaging to Evaluate Tissue Level Reperfusion in Patients With Non-ST-Elevation Myocardial Infarction, 1033
- Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute Left Ventricular Infarction, 1039
- Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821
- Coronary Artery Occlusion, Total**  
Effect of Chronic Total Coronary Occlusion on Treatment Strategy, 1088
- Coronary Heart Disease**  
Association of Metabolic Syndrome With Exercise Capacity and Heart Rate Recovery in Patients With Coronary Heart Disease in the Heart and Soul Study, 1175
- Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187
- Effects of *Atorvastatin Versus Other Statins* on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With Coronary Heart Disease Versus Control Subjects, 1025
- Longevity of the Placebo Effect in the Therapeutic Angiogenesis and Laser Myocardial Revascularization Trials in Patients With Coronary Heart Disease, 1456
- Predicting Coronary Heart Disease Risk Using Multiple Lipid Measures, 986
- Relation of Anemia to Low Heart Rate Variability in Patients With Coronary Heart Disease (from the Heart and Soul Study), 1474
- Relation of Aortic Valve Sclerosis to Risk of Coronary Heart Disease in African-Americans, 401
- Coronary Sinus**  
Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235
- Coronary Steal**  
Direct Demonstration by Transthoracic Doppler Echocardiography of Adenosine-Induced Coronary Steal in the Collateral-Dependent Vessel, 1363
- Corrections**, 438
- Cost Effectiveness**  
Cost Effectiveness of *Rosuvastatin* in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With *Atorvastatin*, *Pravastatin*, and *Simvastatin* (a US Analysis of the STELLAR Trial), 1314
- Effect of Splitting *Simvastatin* Tablets for Control of Low-Density Lipoprotein Cholesterol, 1481
- Costs**  
Direct Medical Costs of Syncope-Related Hospitalizations in the United States, 668
- Coxibs**  
Effect of Selective Cyclooxygenase-2 Inhibitors on Heart Rate in Healthy Young Men, 1531
- CPR (Cardiopulmonary Resuscitation)**  
Cardiac Arrest of Nonpatients Within Hospital Public Areas, 1370
- Creatine Kinase-MB**  
Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355
- Preprocedural Plasma C-Reactive Protein Levels, Postprocedural Creatine Kinase-MB Release, and Long-

Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386

#### **CRUSADE**

Lipid Management in Patients With Unstable Angina Pectoris and Non-ST-Segment Elevation Acute Myocardial Infarction (from CRUSADE), 483

#### **Cytokines**

Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452

#### **Cytomegalovirus**

Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317

#### **DAVID Trial**

A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1431

Time to Resumption of Driving After Implantation of an Automatic Defibrillator (from the Dual Chamber and VVI Implantable Defibrillator [DAVID] Trial), 665

#### **DEACON Study**

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without Integrin [DEACON] Study), 1453

#### **Defibrillation Threshold**

Relation of Echocardiographic Wall Motion Score Index and Response to *Dobutamine* Stress to Defibrillation Threshold at the Time of Implantation of a Cardiac Defibrillator, 1099

#### **Defibrillators, External**

Effectiveness of Automated External Defibrillators in High Schools in Greater Boston, 1484

#### **Defibrillators, Implantable. See ICD (Implantable Cardioversion Defibrillator)**

#### **Depression**

Depressive Symptoms Are Interdependently Predictive of Carotid Atherosclerosis, 547

Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317

#### **Desensitization**

Rapid Desensitization Procedure for Patients With *Aspirin* Hypersensitivity Undergoing Coronary Stenting, 509

#### **Dexamethasone**

Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502

#### **Diabetes Mellitus**

Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients

With Hypertension Without Diabetes, and in Healthy Subjects, 905

Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375

Comparison of the Effects of *Ramipril* Versus *Telmisartan* in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290

Left Ventricular Function in Patients With Type 2 Diabetes Mellitus, 798

Prevalence of Left Ventricular Diastolic Dysfunction in Obese Persons With and Without Diabetes Mellitus, 1527

Prevalence of Silent Myocardial Ischemia in Persons With Diabetes Mellitus or Impaired Glucose Tolerance and Association of Hemoglobin A<sub>1c</sub> With Prevalence of Silent Myocardial Ischemia, 1472

Prognostic Impact of Diabetes Mellitus in Patients With Acute Decompensated Heart Failure, 1117

#### **Diameter**

Influence of Vessel Diameter on the Efficacy of Distal Protection Devices During Saphenous Vein Graft Intervention, 651

#### **Diastolic Function**

Association of Anemia With Diastolic Dysfunction Among Patients With Coronary Artery Disease in the Heart and Soul Study, 332

Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients With Hypertension Without Diabetes, and in Healthy Subjects, 905

Comparison of Left Ventricular Diastolic Function After On-Pump Versus Off-Pump Coronary Artery Bypass Grafting, 647

Contribution of Left Ventricular Diastolic Dysfunction to Heart Failure Regardless of Ejection Fraction, 603

Effect of Acute Changes in Load on Left Ventricular Diastolic Function During Device Closure of Atrial Septal Defects, 686

Effect of Transcatheter Atrial Septal Defect Closure in Children on Left Ventricular Diastolic Function, 1255

Left Ventricular Function in Children With Sleep-Disordered Breathing, 801

Prevalence of Left Ventricular Diastolic Dysfunction in Obese Persons With and Without Diabetes Mellitus, 1527

Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/ Cardiomyopathy Using Magnetic Resonance Imaging, 1507

Usefulness of Atrial Size Inequality as an Indicator of Abnormal Left Ventricular Filling, 1448

Usefulness of Plasma Brain-Type Natriuretic Peptide Level to Differentiate Left Ventricular Diastolic Dysfunction from Preserved Diastolic Function in Patients With Systolic Dysfunction, 1383

#### **Diet**

Cardiovascular Benefits of Nuts, 963

#### **Digitalis Purpurea**

*Digitalis Purpurea*, 544

#### **Dilated Aortic Root**

Factors Related to Aortic Regurgitation in the Presence of a Dilated Aortic Root, 417

#### **Dilated Ascending Aorta**

Comparison of Aortic Stiffness in Patients With Juvenile Forms of Ascending Aortic Dilation With Versus Without Marfan's Syndrome, 996

#### **Dimethylarginine**

Plasma Asymmetric *Dimethylarginine* Concentrations in Newly Diagnosed Patients With Acute Myocardial Infarction or Unstable Angina Pectoris During Two Weeks of Medical Treatment, 729

#### **Dipyridamole**

Heart Rate Response During *Dipyridamole* Stress as a Predictor of Mortality in Patients With Normal Myocardial Perfusion and Normal Electrocardiograms, 1159

#### **Direct Thrombin Inhibitor**

Effectiveness and Safety of *Bivalirudin* During Percutaneous Coronary Intervention in a Single Medical Center, 716

#### **Distal Protection Procedure**

Rate of Unprotected Side Branches as Related to Embolic Complications During Stent Implantation for Acute Coronary Syndromes Using a Distal Protection Procedure, 636

Influence of Vessel Diameter on the Efficacy of Distal Protection Devices During Saphenous Vein Graft Intervention, 651

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortoconary Saphenous Vein Conduits, and Carotid Arteries, 1415

#### **Divers**

Evidence for Increasing Patency of the Foramen Ovale in Divers, 912

#### **Dobutamine**

Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for *Dobutamine* Stress Echocardiography With Normal Versus Abnormal Test Results, 1072

Effect of the Transmural Extent of Myocardial Scar on Left Ventricular Systolic Wall Thickening During Intravenous *Dobutamine* Administration, 495

Efficacy and Safety of Intermittent, Long-Term, Concomitant *Dobutamine* and *Levosimendan* Infusions in Severe Heart Failure Refractory to *Dobutamine* Alone, 768

#### **Docosahexaenoic Acid**

Effect of Docosahexaenoic Acid on Lipoprotein Subclasses in Hyperlipidemic Children (the EARLY Study), 869

#### **Doppler**

Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496

- Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients With Hypertension Without Diabetes, and in Healthy Subjects, 905
- Comparison of Left Ventricular Diastolic Function After On-Pump Versus Off-Pump Coronary Artery Bypass Grafting, 647
- Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538
- Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation Acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930
- Comparison of Tissue Doppler and Propagation Velocity to Invasive Measures for Measuring Left Ventricular Filling Pressures, 1017
- Comparison of Tissue Doppler Dynamics to Doppler Flow in Evaluating Left Atrial Appendage Function by Transesophageal Echocardiography, 1011
- Direct Demonstration by Transthoracic Doppler Echocardiography of Adenosine-Induced Coronary Steal in the Collateral-Dependent Vessel, 1363
- Doppler-Derived Left Ventricular Filling Pressures and the Regulation of Heart Rate Recovery After Exercise in Patients With Suspected Coronary Artery Disease, 832
- Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521
- Global and Regional Parameters of Dyssynchrony in Ischemic and Nonischemic Cardiomyopathy, 421
- Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941
- Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338
- Usefulness of Tissue Doppler Imaging for Estimation of Left Ventricular Filling Pressures in Patients With Systolic and Diastolic Heart Failure, 892
- Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute Left Ventricular Infarction, 1039
- Doppler Deceleration Time**
- Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation Acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930
- Driving**
- Time to Resumption of Driving After Implantation of an Automatic Defibrillator (from the Dual Chamber and VVI Implantable Defibrillator [DAVID] Trial), 665
- Dyslipidemia**
- Effectiveness of Inhibition of Cholesterol Ester Transfer Protein by JTT-705 in Combination With Pravastatin in Type II Dyslipidemia, 1085
- Effects of Rosuvastatin, Atorvastatin, Simvastatin, and Pravastatin on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360
- Impact of Dyslipidemia Associated With Highly Active Antiretroviral Therapy (HAART) on Cardiovascular Risk and Life Expectancy, 586
- Influence of Extended-Release Nicotinic Acid on Nonesterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309
- Dysplasia**
- Prevalence of T-Wave Inversion Beyond V<sub>1</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070
- Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Using Magnetic Resonance Imaging, 9027
- Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935
- Dyspnea**
- The N-Terminal Pro-BNP Investigation of Dyspnea in the Emergency Department (PRIDE) Study, 948
- Dyssynchrony**
- Global and Regional Parameters of Dyssynchrony in Ischemic and Nonischemic Cardiomyopathy, 421
- EARLY Study**
- Effect of Docosahexaenoic Acid on Lipoprotein Subclasses in Hyperlipidemic Children (the EARLY Study), 869
- Echocardiography. See also Ultrasound**
- Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496
- Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for Dobutamine Stress Echocardiography With Normal Versus Abnormal Test Results, 1072
- Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809
- Comparison of Low-Mechanical Index Pulse Sequence Schemes for Detecting Myocardial Perfusion Abnormalities During Vasodilator Stress Echocardiography, 565
- Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538
- Comparison of Tissue Doppler Dynamics to Doppler Flow in Evaluating Left Atrial Appendage Function by Transesophageal Echocardiography, 1011
- Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593
- Comparison of Upright and Semi-Recumbent Postures for Exercise Echocardiography in Healthy Children, 918
- Direct Demonstration by Transthoracic Doppler Echocardiography of Adenosine-Induced Coronary Steal in the Collateral-Dependent Vessel, 1363
- Echocardiographic Differentiation of Atrioventricular Septal Defects from Inlet Ventricular Septal Defects and Mitral Valve Clefts, 607
- Echocardiographic Examination of Atrioventricular and Interventricular Delay Optimization in Cardiac Resynchronization Therapy, 1108
- Effect on Right Ventricular Volume of Percutaneous Amplatzer Closure of Atrial Septal Defect in Adults, 993
- Effectiveness of Echocardiographic Imaging by Nurses to Identify Left Ventricular Systolic Dysfunction in High-Risk Patients, 1271
- Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity (E') and the Ratio of Transmitral Early Peak Velocity to E' (E/E'), 1020
- Immediate Upright Post-Treadmill Exercise Echocardiographic Imaging, 1395
- Physical Determinants of Systolic Murmur Intensity in Aortic Stenosis, 775
- Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626
- Relation of Echocardiographic Wall Motion Score Index and Response to Dobutamine Stress to Defibrillation Threshold at the Time of Implantation of a Cardiac Defibrillator, 1099
- Risk Factors, Echocardiographic Patterns, and Outcomes in Patients With Acute Ventricular Septal Rupture During Myocardial Infarction, 1153
- Significance and Relation Between Magnitude of Left Ventricular Hypertrophy and Heart Failure Symptoms in Hypertrophic Cardiomyopathy, 1329
- ST-Segment Depression on the Initial Electrocardiogram in Acute Myocardial Infarction—Prognostic Significance and Its Effect on Short-Term Mortality: A Report from the National Registry of Myocardial Infarction (NMI-2, 3, 4), 843
- Usefulness of Contrast Echocardiography for Diagnosis of Left Ventricular Noncompaction, 1130
- Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941
- Usefulness of Myocardial Perfusion Echocardiography to Identify Obstructive Coronary Artery Disease in Patients With Abnormal Ventricular Septal Motion, 852
- Usefulness of Real-Time Myocardial Perfusion Imaging to Evaluate Tissue Level Reperfusion in Patients With Non-ST-Elevation Myocardial Infarction, 1033
- Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute Left Ventricular Infarction, 1039
- Editorials**
- Cardiovascular Benefits of Nuts, 963
- Classification of Systemic Therapies for Potential Stabilization of the Vulnerable Plaque to Prevent Acute Myocardial Infarction, 379
- Computed Tomographic Angiography Coming of Age, 838
- The Debate Goes On—What Is Your Choice?, 53

Digital Technology for Cardiac Pacing, 479  
Is Operative Closure of a Small Ventricular Septal Defect Required After an Episode of Infective Endocarditis?, 960  
Minimizing Right Ventricular Pacing, 966  
A "Poly-Portfolio" for Secondary Prevention: A Strategy to Reduce Subsequent Events by Up to 97% Over Five Years, 373  
Prevalence of T-Wave Inversion Beyond V<sub>1</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070

#### **8-Hydroxy-2'-Deoxyguanosine**

Urinary 8-Hydroxy-2'-Deoxyguanosine Levels Increase After Reperfusion in Acute Myocardial Infarction and May Predict Subsequent Cardiac Events, 514

#### **18F-Fluorodeoxyglucose Imaging**

Myocardial Technetium-99m-Tetrofosmin Compared With 18F-Fluorodeoxyglucose Imaging to Assess Myocardial Viability, 1223

#### **Ejection Fractions**

Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809

Contribution of Left Ventricular Diastolic Dysfunction to Heart Failure Regardless of Ejection Fraction, 603

Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients With Coronary Artery Disease and Relation to Clinical Presentation, Angiographic Severity, and Left Ventricular Ejection Fraction, 553

#### **Elderly. See also Age; Octogenarians**

Do Elderly Systolic Heart Failure Patients Benefit from Beta Blockers to the Same Extent as the Non-Elderly? Meta-Analysis of >12,000 Patients in Large-Scale Clinical Trials, 896

Effect of a Seated Exercise Program to Improve Physical Function and Health Status in Frail Patients  $\geq 70$  Years of Age With Heart Failure, 1120

Influence of Reperfusion Therapy on Prognosis in Patients Aged  $\geq 89$  Years With Acute Myocardial Infarction, 1232

#### **Electroanatomical Mapping**

Characterization of Hibernating Myocardium With NOGA Electroanatomic Endocardial Mapping, 722

Usefulness of Electroanatomic Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935

#### **Electrocardiography**

Comparison of Autotriggered Memory Loop Recorders Versus Standard Loop Recorders Versus 24-Hour Holter Monitors for Arrhythmia Detection, 1055

Effect of Serum Albumin on QRS Wave Amplitude in Patients Free of Heart Disease, 789

Electrocardiographic Findings in Primary Systemic Amyloidosis and Biopsy-Proven Cardiac Involvement, 535

First Experience With a Mobile Cardiac Outpatient Telemetry (MCOT) System for the Diagnosis and Management of Cardiac Arrhythmia, 879

Heart Rate Influences on Repolarization Duration and Morphology in Symptomatic Versus Asymptomatic KCNQ1 Mutation Carriers, 406

Heart Rate Response During Dipyridamole Stress as a Predictor of Mortality in Patients With Normal Myocardial Perfusion and Normal Electrocardiograms, 1159

Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343

Time Frequency Analysis of the Surface Electrocardiogram for Monitoring Antiarrhythmic Drug Effects in Atrial Fibrillation, 526

Which Parameters on Magnetic Resonance Imaging Determine Q Waves on the Electrocardiogram?, 925

#### **Electrophysiologic Characteristics**

Effect of Conduction Mode and Location on Electrophysiologic Characteristics of Accessory Pathways, 1250

Electrophysiologic Characteristics of Verapamil-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425

#### **Electrophysiology**

Comparison of Low-Mechanical Index Pulse Sequence Schemes for Detecting Myocardial Perfusion Abnormalities During Vasodilator Stress Echocardiography, 565

Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935

#### **Embolism**

Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593

Morphometric Analysis of Particulate Debris Extracted by Four Different Embolic Protection Devices from Coronary Arteries, Aortocoronary Saphenous Vein Conduits, and Carotid Arteries, 1415

A Novel, Low-Profile Filter-Wire (Interceptor) Embolic Protection Device During Saphenous Vein Graft Stenting, 511

Trends in the Incidence of Pulmonary Embolism and Deep Venous Thrombosis in Hospitalized Patients, 1525

#### **Embolization**

Comparison of the Safety and Efficacy of Emboli Prevention Devices Versus Platelet Glycoprotein IIb/IIIa Inhibition During Carotid Stenting, 791

#### **Enalapril**

Usefulness of Enalapril Versus Propranolol or Atenolol for Prevention of Aortic Dilation in Patients With the Marfan Syndrome, 1125

#### **Endocarditis**

Is Operative Closure of a Small Ventricular Septal Defect Required After an Episode of Infective Endocarditis?, 960

#### **Endothelial Cell Adhesion Molecules**

Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187

#### **Endothelial Dysfunction**

Effect of Hyperhomocysteinemia Induced by Methionine Administration on Flow-Mediated Dilatation of the Brachial Artery in Healthy Subjects, 428

#### **Endothelial Microparticles**

Correlation Between Aproptotic Endothelial Microparticles and Serum Interleukin-6 and C-Reactive Protein in Healthy Men, 1258

#### **Endothelin**

Association of Endothelin-1 With Transient Myocardial Ischemia in Patients With Unstable Angina Pectoris, 492  
Renal Handling of Endothelin in Patients With Chronic Heart Failure, 532

#### **End Point Adjudication**

Characterization of Myocardial Infarction as an End Point in Two Large Trials of Acute Coronary Syndromes, 1404

#### **Enoxaprin**

Comparison of Enoxaprin Versus Heparin During Elective Percutaneous Coronary Intervention Performed With Either Eptifibatide or Tirofiban (The ACTION Trial), 1295

#### **Epstein-Barr Virus**

Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317

#### **Eptifibatide**

Comparison of Enoxaprin Versus Heparin During Elective Percutaneous Coronary Intervention Performed With Either Eptifibatide or Tirofiban (The ACTION Trial), 1295

Inhibition of Platelet Aggregation With Eptifibatide, Bivalirudin, and Heparin in Patients Undergoing Percutaneous Coronary Intervention Receiving Clopidogrel Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With or Without Integrilin [DEACON] Study), 1453

Safety of Coronary Stenting With Eptifibatide and Ultra-Low-Dose Heparin, 630

#### **Erectile Dysfunction**

Comparison of Trimetazidine Plus Sildenafil to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327

#### **Ethanol**

Effects of Varying Ethanol Dosing on Percutaneous Septal Ablation for Obstructive Hypertrophic Cardiomyopathy on Early Hemodynamic Changes, 675

#### **European Myocardial Infarct**

##### **Amiodarone Trial**

Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821

#### **Exercise**

Association of Metabolic Syndrome With Exercise Capacity and Heart Rate Recovery in Patients With Coronary Heart Disease in the Heart and Soul Study, 1175

Comparison of Mental Stress-Induced Myocardial Ischemia in Coronary Artery Disease Patients With Versus Without Left Ventricular Dysfunction, 322

Doppler-Derived Left Ventricular Filling Pressures and the Regulation of Heart Rate Recovery After Exercise in Patients With Suspected Coronary Artery Disease, 832

Effect of a Seated Exercise Program to Improve Physical Function and Health Status in Frail Patients  $\geq 70$  Years of Age With Heart Failure, 1120

Effect of Exercise Training on  $VO_{2\text{peak}}$  and Left Ventricular Systolic Function in Recent Cardiac Transplant Recipients, 1002

Effect of Resistance Exercise on Skeletal Muscle Myopathy in Heart Transplant Recipients, 1192

Immediate Upright Post-Treadmill Exercise Echocardiographic Imaging, 1395

Monitoring of Physical Activity and Heart Rate Variability in Patients With Chronic Heart Failure Using Cardiac Resynchronization Devices, 1104

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

Usefulness of Left Atrial Emptying Fraction to Predict Exercise Capacity in Patients With Normal Systolic Left Ventricular Function and Without Myocardial Ischemia, 1014

Utility of Cardiopulmonary Stress Testing in Assessing Disease Severity in Children With Pulmonary Arterial Hypertension, 697

Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734

### Exercise Echocardiography

Comparison of Upright and Semi-Recumbent Postures for Exercise Echocardiography in Healthy Children, 918

### External Counterpulsation

Frequency and Efficacy of Repeat Enhanced External Counterpulsation for Stable Angina Pectoris (from the International EECP Patient Registry), 394

### External Defibrillators

Effectiveness of Automated External Defibrillators in High Schools in Greater Boston, 1484

### Familial Amyloid Polyneuropathy

Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538

### Family History

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420

Relation of Family History of Premature Coronary Heart Disease and Metabolic Risk Factors to Risk of Coronary Arterial Calcium in Asymptomatic Subjects, 655

### Females. See Women

### Femoral Artery

Impact of Multiple Cardiovascular Risk Factors on Femoral Artery Intima-Media Thickness in Asymptomatic Young Adults (The Bogalusa Heart Study), 469

### Fenofibrate

Effectiveness and Tolerability of Simvastatin Plus Fenofibrate for Combined Hyperlipidemia (The SAFARI Trial), 462

### Fetus

Ultrasonic Biophysical Measurements in the Normal Human Fetus for Optimal Design of the Monolithic Fetal Pacemaker, 1267

### Fibrinolytic Therapy

Angiographic and Clinical Outcomes Associated With Direct Versus Conventional Stenting Among Patients With Fibrinolytic Therapy for ST-Elevation Acute Myocardial Infarction, 383

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

Comparison of ST-Segment Resolution With Combined Fibrinolytic and Glycoprotein IIb/IIIa Inhibitor Therapy Versus Fibrinolytic Alone (Data from Four Clinical Trials), 611

### Filling Pressures

Comparison of Tissue Doppler and Propagation Velocity to Invasive Measures for Measuring Left Ventricular Filling Pressures, 1017

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity ( $E'$ ) and the Ratio of Transmural Early Peak Velocity to  $E'$  ( $E/E'$ ), 1020

Relation of Aneurysmectomy in Patients With Advanced Left Ventricular Remodeling to Postoperative Left Ventricular Filling Pressure, Redilatation With Ischemic Mitral Regurgitation, 517

### Flow Mediated Dilation

Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X, 1478

### Fluvastatin

Long-Term Fluvastatin Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445

### Follow-Up Studies. See Outcomes

### Fontan Palliation

Effects of Metallic Implants on Magnetic Resonance Imaging Evaluation of Fontan Palliation, 688

### Forearm Vasculature

Effects of Aldosterone on Forearm Vasculature in Treated Chronic Heart Failure, 412

### Foxglove

Digitalis Purpurea, 544

### Frequency Analysis

Usefulness of a New Sound Spectral Averaging Technique to Distinguish an Innocent Systolic Murmur from That of Aortic Stenosis, 902

### From the Editor

Good Books in Cardiovascular Disease Appearing in 2004, 814

Proceedings of the Editorial Board Meeting of the *American Journal of Cardiology* on 7 March 2005, 1273

### Gastric Bypass

Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521

### Gated SPECT

Prognostic Value of Combined Perfusion and Function by Stress Technetium-99m Sestamibi Gated SPECT Myocardial Perfusion Imaging in Patients With Suspected or Known Coronary Artery Disease, 1351

### Gender. See also Men; Women

Comparison of Treatment Benefit and Outcome in Women Versus Men With Chronic Heart Failure (from the Valsartan Heart Failure Trial), 529

Effect of Cirrhosis and Liver Transplantation on the Gender Difference in QT Interval, 691

Effect of Gender on Treatment, Resource Utilization, and Outcomes in Congestive Heart Failure in Quebec, Canada, 955

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity ( $E'$ ) and the Ratio of Transmural Early Peak Velocity to  $E'$  ( $E/E'$ ), 1020

Hemodynamic Mechanisms Underlying the Incomplete Tolerance to Caffeine's Pressor Effects, 1389

### Gene Mutations

Heart Rate Influences on Repolarization Duration and Morphology in Symptomatic Versus Asymptomatic KCNQ1 Mutation Carriers, 406

Unusual Clinical Presentation in a Family With Catecholaminergic Polymorphic Ventricular Tachycardia Due to a G1487A Ryanodine Receptor Gene Mutation, 700

### GENERATION Study

Preprocedural Plasma C-Reactive Protein Levels, Postprocedural Creatine Kinase-MB Release, and Long-Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386

### Glycoprotein IIb/IIIa

Bivalirudin Versus Heparin and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581

Comparison of ST-Segment Resolution With Combined Fibrinolytic and Glycoprotein IIb/IIIa Inhibitor Therapy Versus Fibrinolytic Alone (Data from Four Clinical Trials), 611

Comparison of the Safety and Efficacy of Emboli Prevention Devices Versus Platelet Glycoprotein IIb/IIIa Inhibition During Carotid Stenting, 791

### HAART (Highly Active Antiretroviral Therapy)

Impact of Dyslipidemia Associated With Highly Active Antiretroviral Therapy (HAART) on Cardiovascular Risk and Life Expectancy, 586

### Heart and Soul Study

Association of Anemia With Diastolic Dysfunction Among Patients With Coronary Artery Disease in the Heart and Soul Study, 332

Association of Metabolic Syndrome With Exercise Capacity and Heart Rate Recovery in Patients With Coronary Heart Disease in the Heart and Soul Study, 1175

- Relation of Anemia to Low Heart Rate Variability in Patients With Coronary Heart Disease (from the Heart and Soul Study), 1474
- Heart Failure**
- Association of Anemia With Diastolic Dysfunction Among Patients With Coronary Artery Disease in the Heart and Soul Study, 332
- Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809
- Contribution of Left Ventricular Diastolic Dysfunction to Heart Failure Regardless of Ejection Fraction, 603
- Do Elderly Systolic Heart Failure Patients Benefit from Beta Blockers to the Same Extent as the Non-Elderly? Meta-Analysis of >12,000 Patients in Large-Scale Clinical Trials, 896
- Effect of a Seated Exercise Program to Improve Physical Function and Health Status in Frail Patients  $\geq 70$  Years of Age With Heart Failure, 1120
- Effect of Gender on Treatment, Resource Utilization, and Outcomes in Congestive Heart Failure in Quebec, Canada, 955
- Effect of Noradrenaline and *Isoproterenol* on Lipopolysaccharide-Induced Tumor Necrosis Factor-Alpha Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885
- Effects of *Aldosterone* on Forearm Vascularity in Treated Chronic Heart Failure, 412
- Efficacy and Safety of Intermittent, Long-Term, Concomitant *Dobutamine* and *Levosimendan* Infusions in Severe Heart Failure Refractory to *Dobutamine* Alone, 768
- Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of *Bucindolol* Therapy, 558
- Implantable Cardioverter-Defibrillator Efficacy in Patients With Heart Failure and Left Ventricular Dysfunction (from the MADIT II Population), 9022
- Long-Term Effects of *Carvedilol* or *Metoprolol* on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114
- Monitoring of Physical Activity and Heart Rate Variability in Patients With Chronic Heart Failure Using Cardiac Resynchronization Devices, 1104
- The N-Terminal Pro-BNP Investigation of Dyspnea in the Emergency Department (PRIDE) Study, 948
- Permanent Pacing Is a Risk Factor for the Development of Heart Failure, 671
- Predictors of Lack of Response to Resynchronization Therapy, 1436
- Prognostic Impact of Diabetes Mellitus in Patients With Acute Decompensated Heart Failure, 1117
- Prognostic Significance of *Simvastatin* Therapy in Patients With Ischemic Heart Failure Who Underwent Percutaneous Coronary Intervention for Acute Myocardial Infarction, 619
- Renal Handling of Endothelin in Patients With Chronic Heart Failure, 532
- Significance and Relation Between Magnitude of Left Ventricular Hypertrophy and Heart Failure Symptoms in Hypertrophic Cardiomyopathy, 1329
- Trends in Mortality Attributed to Heart Failure in Worcester, Massachusetts, 1992 to 2001, 1324
- Use of Cardiac Resynchronization Therapy to Optimize Beta-Blocker Therapy in Patients With Heart Failure and Prolonged QRS Duration, 889
- Usefulness of Relative Lymphocyte Count as an Independent Predictor of Death/Urgent Transplant in Heart Failure, 1492
- Usefulness of Tissue Doppler Imaging for Estimation of Left Ventricular Filling Pressures in Patients With Systolic and Diastolic Heart Failure, 892
- Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734
- Value of B-Type Natriuretic Peptide for Identifying Significantly Elevated Pulmonary Artery Wedge Pressure in Patients Treated for Established Chronic Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 883
- Heart Rate**
- Association of Metabolic Syndrome With Exercise Capacity and Heart Rate Recovery in Patients With Coronary Heart Disease in the Heart and Soul Study, 1175
- Effect of Selective Cyclooxygenase-2 Inhibitors on Heart Rate in Healthy, Young Men, 1531
- Heart Rate Response During *Dipyridamole* Stress as a Predictor of Mortality in Patients With Normal Myocardial Perfusion and Normal Electrocardiograms, 1159
- Relation Between Actual Heart Rate and Autonomic Effects of Beta Blockade in Healthy Men, 999
- Relation of Anemia to Low Heart Rate Variability in Patients With Coronary Heart Disease (from the Heart and Soul Study), 1474
- Relation of Initial Resting Ventricular Rate to the Ability to Achieve and Maintain Normal Sinus Rhythm in Patients With Atrial Fibrillation, 597
- Heart Rate Recovery**
- Doppler-Derived Left Ventricular Filling Pressures and the Regulation of Heart Rate Recovery After Exercise in Patients With Suspected Coronary Artery Disease, 832
- Heart Transplantation**
- Effect of Exercise Training on  $VO_{\text{peak}}$  and Left Ventricular Systolic Function in Recent Cardiac Transplant Recipients, 1002
- Effect of Resistance Exercise on Skeletal Muscle Myopathy in Heart Transplant Recipients, 1192
- Relation of  $QT_c$  Duration Heterogeneity to Mortality Following Orthotopic Heart Transplantation, 431
- Statin Use and Risks of Death or Fatal Rejection in the Heart Transplant Lipid Registry, 367
- Usefulness of Relative Lymphocyte Count as an Independent Predictor of Death/Urgent Transplant in Heart Failure, 1492
- Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734
- Value of Plasma B-Type Natriuretic Peptide as a Marker for Rejection in Pediatric Heart Transplant Recipients, 909
- Heart-type Fatty Acid-Binding Protein**
- Circulating Levels of Heart-Type Fatty Acid-Binding Protein and Its Relation to Thallium-201 Perfusion Defects in Patients With Hypertrophic Cardiomyopathy, 1334
- Height**
- Association of Height With Outcomes in Patients With Acute Myocardial Infarction Receiving Reperfusion Therapy, 1371
- Hemodialysis**
- Prevalence of Valve Calcium and Association of Valve Calcium With Coronary Artery Disease, Atherosclerotic Vascular Disease, and All-Cause Mortality in 137 Patients Undergoing Hemodialysis for Chronic Renal Failure, 742
- Hemodynamics. See also Hypertension**
- Effects of Varying Ethanol Dosing on Percutaneous Septal Ablation for Obstructive Hypertrophic Cardiomyopathy on Early Hemodynamic Changes, 675
- Hemodynamic Mechanisms Underlying the Incomplete Tolerance to Caffeine's Pressor Effects, 1389
- Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941
- Value of B-Type Natriuretic Peptide for Identifying Significantly Elevated Pulmonary Artery Wedge Pressure in Patients Treated for Established Chronic Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 883
- Hemoglobin A<sub>1c</sub>**
- Prevalence of Silent Myocardial Ischemia in Persons With Diabetes Mellitus or Impaired Glucose Tolerance and Association of Hemoglobin A<sub>1c</sub> With Prevalence of Silent Myocardial Ischemia, 1472
- Heparin**
- Bivalirudin* Versus *Heparin* and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581
- Comparison of *Enoxaparin* Versus *Heparin* During Elective Percutaneous Coronary Intervention Performed With Either *Eptifibatide* or *Tirofiban* (The ACTION Trial), 1295
- Incidence of Antiplatelet Factor 4/*Heparin* Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744
- Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving Clopidogrel Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without Integrilin [DEACON] Study), 1453
- Safety of Coronary Stenting With *Eptifibatide* and Ultra-Low-Dose *Heparin*, 630
- Herbal Medicine**
- Digitalis Purpurea*, 544

**Herpes Simplex**

Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317

**Hibernating Myocardium**

Characterization of Hibernating Myocardium With NOGA Electroanatomic Endocardial Mapping, 722

**High-Density Lipoprotein. See Cholesterol****High Schools**

Effectiveness of Automated External Defibrillators in High Schools in Greater Boston, 1484

**HIV/AIDS Infected Patients**

Impact of Dyslipidemia Associated With Highly Active Antiretroviral Therapy (HAART) on Cardiovascular Risk and Life Expectancy, 586

**Homocysteine**

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420

**Hospitals**

Cardiac Arrest of Nonpatients Within Hospital Public Areas, 1370

**Human Immunodeficiency Virus. See HIV/AIDS Infected Patients****Hyperhomocysteinemia**

Effect of Hyperhomocysteinemia Induced by *Methionine* Administration on Flow-Mediated Dilatation of the Brachial Artery in Healthy Subjects, 428

**Hyperlipidemia**

Effectiveness and Tolerability of *Simvastatin* Plus *Fenofibrate* for Combined Hyperlipidemia (The SAFARI Trial), 462

**Hypertension. See also Hemodynamics**

Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients With Hypertension Without Diabetes, and in Healthy Subjects, 905

Long-Term Effects of Stress Reduction on Mortality in Persons  $\geq 55$  Years of Age With Systemic Hypertension, 1060

Usefulness of Latent Left Ventricular Dysfunction Assessed by Bowditch Trappe to Predict Stress-Induced Pulmonary Hypertension in Minimally Symptomatic Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse, 414

Utility of Cardiopulmonary Stress Testing in Assessing Disease Severity in Children With Pulmonary Arterial Hypertension, 697

**Hypertrophic Cardiomyopathy. See Cardiomyopathy****Hypertrophy**

Significance and Relation Between Magnitude of Left Ventricular Hypertrophy and Heart Failure Symptoms in Hypertrophic Cardiomyopathy, 1329

**ICD (Implantable Cardioverter-Defibrillator)**

A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1431

Effect of Statin Therapy on Risk of Ventricular Arrhythmia Among Patients With Coronary Artery Disease and an Implantable Cardioverter-Defibrillator, 490

Implantable Cardioverter-Defibrillator Efficacy in Patients With Heart Failure and Left Ventricular Dysfunction (from the MADIT II Population), 1487

Time to Resumption of Driving After Implantation of an Automatic Defibrillator (from the Dual Chamber and VVI Implantable Defibrillator [DAVID] Trial), 665

**Idiopathic Cardiomyopathy. See Cardiomyopathy****Imaging. See Computed Tomography; Doppler; Magnetic Resonance Imaging; 16-Slice Multidetector Row Computed Tomography; Ultrasound****Inducible Ventricular Tachycardia**

Usefulness of Prolonged QRS Duration to Identify High-Risk Ischemic Cardiomyopathy Patients With Syncope and Inducible Ventricular Tachycardia, 391

**Infants. See also Pediatrics**

Effect of Triiodothyronine on Gene Transcription During Cardiopulmonary Bypass in Infants With Ventricular Septal Defect, 787

**Inflammation**

Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452

Comparison of C-Reactive Protein Levels After Coronary Stenting With Bare Metal Versus Sirolimus-Eluting Stents, 748

Comparison of the Effects of *Ramipril* Versus *Telmisartan* in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502

Preprocedural Plasma C-Reactive Protein Levels, Postprocedural Creatine Kinase-MB Release, and Long-Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386

Relation of Depressive Symptoms to C-Reactive Protein and Pathogen Burden (Cytomegalovirus, Herpes Simplex Virus, Epstein-Barr Virus) in Patients With Earlier Acute Coronary Syndromes, 317

Utility of C-Reactive Protein Measurement in Risk Stratification During Primary Cardiovascular Disease Prevention, 1378

**Integrin**

Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clopidogrel* Pretreatment (The Pharmacodynamic Evaluation of Angiomax, Clopidogrel With Or Without INtegrilin [DEACON] Study), 1453

**Interhospital Delay**

Relation of Interhospital Delay and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Transferred for Primary Coronary Angioplasty, 1361

**Interarterial Block**

Intractrial Block as a Predictor of Embolic Stroke, 667

**Interleukins**

Correlation Between Apoptotic Endothelial Microparticles and Serum Interleukin-6 and C-Reactive Protein in Healthy Men, 1258

Effects of Interleukin-6 Produced in Coronary Circulation on Production of C-Reactive Protein and Coronary Microvascular Resistance, 849

Relation of Elevated C-Reactive Protein and Interleukin-6 Levels to Left Atrial Size and Duration of Episodes in Patients With Atrial Fibrillation, 764

Relation of Interleukin-6 Levels and Prothrombin Fragment 1+2 to a Point-Based Score for Stroke Risk in Atrial Fibrillation, 881

**Interval Training**

Effectiveness of High-Intensity Interval Training for the Rehabilitation of Patients With Coronary Artery Disease, 1080

**Interviews**

Anthony Nicholas De Maria, MD: A Conversation With the Editor, 204

Wallace Bruce Fye III, MD, MA, MACC: A Conversation With the Editor, 55

Barry Lewis Zaret, MD: A Conversation With the Editor, 1199

**Intravascular Ultrasound**

Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644

**Ischemia**

Association of Endothelin-1 With Transient Myocardial Ischemia in Patients With Unstable Angina Pectoris, 492

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420

Prevalence of Silent Myocardial Ischemia in Persons With Diabetes Mellitus or Impaired Glucose Tolerance and Association of Hemoglobin A<sub>1c</sub> With Prevalence of Silent Myocardial Ischemia, 1472

Usefulness of Left Atrial Emptying Fraction to Predict Exercise Capacity in Patients With Normal Systolic Left Ventricular Function and Without Myocardial Ischemia, 1014

**Ischemic Cardiomyopathy. See Cardiomyopathy****Isoproterenol**

Effect of Noradrenaline and *Isoproterenol* on Lipopolysaccharide-Induced Tumor Necrosis Factor- $\alpha$  Alpha Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885

### **Kawasaki Disease**

Assessment of Coronary Artery Abnormalities by Multislice Spiral Computed Tomography in Adolescents and Young Adults With Kawasaki Disease, 522

### **Kidneys. See also Renal Failure;**

#### **Renal Impairment**

Renal Handling of Endothelin in Patients With Chronic Heart Failure, 532

### **Left Atrium**

Comparison of Tissue Doppler Dynamics to Doppler Flow in Evaluating Left Atrial Appendage Function by Transesophageal Echocardiography, 1011

Relation of Elevated C-Reactive Protein and Interleukin-6 Levels to Left Atrial Size and Duration of Episodes in Patients With Atrial Fibrillation, 764

Usefulness of Atrial Size Inequality as an Indicator of Abnormal Left Ventricular Filling, 1448

Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941

Usefulness of Left Atrial Emptying Fraction to Predict Exercise Capacity in Patients With Normal Systolic Left Ventricular Function and Without Myocardial Ischemia, 1014

### **Left Ventricle**

Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients With Hypertension Without Diabetes, and in Healthy Subjects, 905

Comparison of Left Ventricular Diastolic Function After On-Pump Versus Off-Pump Coronary Artery Bypass Grafting, 647

Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809

Comparison of Mental Stress-Induced Myocardial Ischemia in Coronary Artery Disease Patients With Versus Without Left Ventricular Dysfunction, 322

Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation Acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930

Comparison of Tissue Doppler and Propagation Velocity to Invasive Measures for Measuring Left Ventricular Filling Pressures, 1017

Contribution of Left Ventricular Diastolic Dysfunction to Heart Failure Regardless of Ejection Fraction, 603

Doppler-Derived Left Ventricular Filling Pressures and the Regulation of Heart Rate Recovery After Exercise in Patients With Suspected Coronary Artery Disease, 832

Effect of Chronic Right Ventricular Apical Pacing on Left Ventricular Function, 771

Effect of Exercise Training on  $VO_{2\text{peak}}$  and Left Ventricular Systolic Function in Recent Cardiac Transplant Recipients, 1002

Effect of the Transmural Extent of Myocardial Scar on Left Ventricular Systolic Wall Thickening During Intravenous Dobutamine Administration, 495

Effect of Transcatheter Atrial Septal Defect Closure in Children on Left Ventricular Diastolic Function, 1255

Effectiveness of Echocardiographic Imaging by Nurses to Identify Left Ventricular Systolic Dysfunction in High-Risk Patients, 1271

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity ( $E'$ ) and the Ratio of Transmural Early Peak Velocity to  $E'$  ( $E/E'$ ), 1020

Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521

Evaluation of Left Ventricular Dimensions and Function in Marfan's Syndrome Without Significant Valvular Regurgitation, 795

Implantable Cardioverter-Defibrillator Efficacy in Patients With Heart Failure and Left Ventricular Dysfunction (from the MADIT II Population), 1487

Left Ventricular Function in Children With Sleep-Disordered Breathing, 801

Left Ventricular Function in Patients With Type 2 Diabetes Mellitus, 798

Long-Term Effects of Carvedilol or Metoprolol on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114

Mechanism of Spaceflight-Induced Changes in Left Ventricular Mass, 1128

A New Simple Method to Assess Global Left Ventricular Systolic Function Based on the Sum of Regional Myocardial Infarction, 550

Noninvasive Coronary Imaging and Assessment of Left Ventricular Function Using 16-Slice Computed Tomography, 571

Prevalence of Left Ventricular Diastolic Dysfunction in These Persons With and Without Diabetes Mellitus, 1527

Relation of Aneurysmectomy in Patients With Advanced Left Ventricular Remodeling to Postoperative Left Ventricular Filling Pressure, Redilation With Ischemic Mitral Regurgitation, 517

Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626

Significance and Relation Between Magnitude of Left Ventricular Hypertrophy and Heart Failure Symptoms in Hypertrophic Cardiomyopathy, 1329

Usefulness of Latent Left Ventricular Dysfunction Assessed by Bowditch Treppe to Predict Stress-Induced Pulmonary Hypertension in Minimally Symptomatic Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse, 414

Usefulness of Plasma Brain-Type Natriuretic Peptide Level to Differentiate Left Ventricular Diastolic Dysfunction from Preserved Diastolic Function in Patients With Systolic Dysfunction, 1383

Usefulness of Tissue Doppler Imaging for Estimation of Left Ventricular Filling Pressures in Patients With Systolic and Diastolic Heart Failure, 892

Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute L<sup>+</sup>t Ventricular Infarction, 1039

### **Left Ventricular Noncompaction**

Usefulness of Contrast Echocardiography for Diagnosis of Left Ventricular Noncompaction, 1130

### **Lesions**

In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757

Intravascular Ultrasound Assessment of Lesions With Target Vessel Failure After Sirolimus-Eluting Stent Implantation, 498

### **Leukocytes. See White Blood Cell Count**

### **Levosimendan**

Efficacy and Safety of Intermittent, Long-Term, Concomitant Dobutamine and Levosimendan Infusions in Severe Heart Failure Refractory to Dobutamine Alone, 768

### **Lifestyle Changes**

Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187

### **Light-Chain Amyloidosis**

Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538

### **Lipid Treatment Rates**

Estimating Cholesterol Treatment Rates Among Individuals With Multiple Risk Factors and Without Coronary Heart Disease, 862

### **Lipids. See also Cholesterol**

Effect of Docosahexaenoic Acid on Lipoprotein Subclasses in Hyperlipidemic Children (the EARLY Study), 869

Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187

Lipid Management in Patients With Unstable Angina Pectoris and Non-ST-Segment Elevation Acute Myocardial Infarction (from CRUSADE), 483

Predicting Coronary Heart Disease Risk Using Multiple Lipid Measures, 986

Predictors of Low-Density Lipoprotein Particle Size in a High-Risk African-American Population, 1320

### **Lipopolysaccharide**

Effect of Noradrenaline and Isoproterenol on Lipopolysaccharide-Induced Tumor Necrosis Factor- $\alpha$  Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885

### **Lipoprotein-Associated Phospholipase A<sub>2</sub>**

Effect of Low-Density Lipoprotein Apheresis on Lipoprotein-Associated Phospholipase A<sub>2</sub>, 1246

Effects of Atorvastatin Versus Other Statins on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With Coronary Heart Disease Versus Control Subjects, 1025

### **Lipoproteins**

Comparison of the Relation of Triglyceride-Rich Lipoproteins and Muscular Artery Compliance in Healthy Women Versus Healthy Men, 1049

**LIPS Study**

Long-Term *Fluvastatin* Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445

**Liver Transplantation**

Effect of Cirrhosis and Liver Transplantation on the Gender Difference in QT Interval, 691

**Lost to Follow-Up. See Outcomes****Lovastatin**

Frequency of Myopathy in Patients Receiving *Lovastatin*, 983

**Low-Density Lipoproteins. See Cholesterol****Lupus Erythematosus**

Valvular Heart Disease as a Cause of Cerebrovascular Disease in Patients With Systemic Lupus Erythematosus, 1441

**MADIT II Population**

Implantable Cardioverter-Defibrillator Efficacy in Patients With Heart Failure and Left Ventricular Dysfunction (from the MADIT II Population), 1487

**Magnetic Resonance Imaging**

Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809

Effects of Metallic Implants on Magnetic Resonance Imaging Evaluation of Fontan Palliation, 688

Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/ Cardiomyopathy Using Magnetic Resonance Imaging, 1507

Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683

Usefulness of Real-Time Navigator Magnetic Resonance Imaging for Evaluating Coronary Artery Origins in Pediatric Patients, 679

Which Parameters on Magnetic Resonance Imaging Determine Q Waves on the Electrocardiogram?, 925

**Males. See Men****Malignancy**

Relation of Acute Pericardial Disease to Malignancy, 1393

**Mapping**

Characterization of Hibernating Myocardium With NOGA Electroanatomic Endocardial Mapping, 722

Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935

**Marfan Syndrome**

Comparison of Aortic Stiffness in Patients With Juvenile Forms of Ascending Aortic Dilation With Versus Without Marfan's Syndrome, 996

Evaluation of Left Ventricular Dimensions and Function in Marfan's Syndrome Without Significant Valvular Regurgitation, 795

Usefulness of *Enalapril* Versus *Propranolol* or *Atenolol* for Prevention of Aortic Dilation in Patients With the Marfan Syndrome, 1125

**Matrix Metalloproteinases**

Matrix Metalloproteinases and Their Inhibitors in Malignant and Autoimmune Pericardial Effusion, 1065

**MDCT**

Ability for Visualization, Reasons for Nonassessable Image, and Diagnostic Accuracy of 16-Slice Multidetector Row Helical Computed Tomography for the Assessment of the Entire Coronary Arteries, 1076

**Medicare**

Epidemiology of Pacemaker Procedures Among Medicare Enrollees in 1990, 1995, and 2000, 409

**Meditation**

Long-Term Effects of Stress Reduction on Mortality in Persons  $\geq 55$  Years of Age With Systemic Hypertension, 1060

**Men. See also Gender**

Comparison of Treatment Benefit and Outcome in Women Versus Men With Chronic Heart Failure (from the Valsartan Heart Failure Trial), 529

Correlation Between Aporotic Endothelial Microparticles and Serum Interleukin-6 and C-Reactive Protein in Healthy Men, 1258

Effect of Selective Cyclooxygenase-2 Inhibitors on Heart Rate in Healthy, Young Men, 1531

Relation Between Actual Heart Rate and Autonomic Effects of Beta Blockade in Healthy Men, 999

**Meta-analysis**

Do Elderly Systolic Heart Failure Patients Benefit from Beta Blockers to the Same Extent as the Non-Elderly? Meta-Analysis of  $>12,000$  Patients in Large-Scale Clinical Trials, 896

Drug-Eluting Stents Versus Bare Metal Stents in Percutaneous Coronary Interventions (A Meta-Analysis), 1146

Meta-Analysis Comparing Drug-Eluting Stents With Bare Metal Stents, 640

Meta-Analysis of Survival and Relief of Angina Pectoris After Transmyocardial Revascularization, 1243

**Metabolic Syndrome**

Association of Metabolic Syndrome With Exercise Capacity and Heart Rate Recovery in Patients With Coronary Heart Disease in the Heart and Soul Study, 1175

Effects of *Rosuvastatin*, *Atorvastatin*, *Simvastatin*, and *Pravastatin* on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360

Relation of the Metabolic Syndrome to Calcified Atherosclerotic Plaque in the Coronary Arteries and Aorta, 1180

**Metallic Implants**

Effects of Metallic Implants on Magnetic Resonance Imaging Evaluation of Fontan Palliation, 688

**Methodone**

Impact of *Methodone* Treatment on Cardiac Repolarization and Conduction in Opioid Users, 915

**Methionine**

Effect of Hyperhomocysteinaemia Induced by *Methionine* Administration on Flow-Mediated Dilatation of the Brachial Artery in Healthy Subjects, 428

**Methylenetetrahydrofolate Reductase Genotypes**

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylenetetrahydrofolate Reductase Genotypes, 1420

**Metoprolol**

Long-Term Effects of *Carvedilol* or *Metoprolol* on Left Ventricular Function in Ischemic and Nonischemic Cardiomyopathy, 1114

**Mitral Annular Calcium**

Relation of Decreased Ankle-Brachial Index to Prevalence of Atherosclerotic Risk Factors, Coronary Artery Disease, Aortic Valve Calcium, and Mitral Annular Calcium, 1005

**Mitral Commissurotomy**

Feasibility, Safety, and Morphologic Predictors of Outcome of Repeat Percutaneous Balloon Mitral Commissurotomy, 989

**Mitral Regurgitation**

Relation of Aneurysmectomy in Patients With Advanced Left Ventricular Remodeling to Postoperative Left Ventricular Filling Pressure, Redilation With Ischemic Mitral Regurgitation, 517

Severe Regurgitation Immediately After Replacement of a Dysfunctional Bioprosthesis in the Mitral Valve Position, 703

Usefulness of Latent Left Ventricular Dysfunction Assessed by Bowditch Treppé to Predict Stress-Induced Pulmonary Hypertension in Minimally Symptomatic Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse, 414

**Mitral Stenosis**

Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496

**Mitral Valve**

Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496

Mitral Valve Morphology and Morbidity/Mortality in Shane's Complex, 541

Severe Regurgitation Immediately After Replacement of a Dysfunctional Bioprosthesis in the Mitral Valve Position, 703

**Mitral Valve Clefts**

Echocardiographic Differentiation of Atrioventricular Septal Defects from Inlet Ventricular Septal Defects and Mitral Valve Clefts, 607

**Mitral Valve Prolapse**

Usefulness of Latent Left Ventricular Dysfunction Assessed by Bowditch Treppé to Predict Stress-Induced Pulmonary Hypertension in Minimally Symptomatic Severe Mitral Regurgitation Secondary to Mitral Valve Prolapse, 414

## Mobile Cardiac Outpatient Telemetry (MCOT)

First Experience With a Mobile Cardiac Outpatient Telemetry (MCOT) System for the Diagnosis and Management of Cardiac Arrhythmia, 879

## Monitored Atherosclerosis Regression Study

Relation of Progression of Coronary Artery Atherosclerosis to Risk of Cardiovascular Events (from the Monitored Atherosclerosis Regression Study), 1277

## Monitoring

First Experience With a Mobile Cardiac Outpatient Telemetry (MCOT) System for the Diagnosis and Management of Cardiac Arrhythmia, 879

## Monolithic Fetal Pacemaker

Ultrasonic Biophysical Measurements in the Normal Human Fetus for Optimal Design of the Monolithic Fetal Pacemaker, 1267

## Monteplase

Long-Term Benefits of *Monteplase* Before Coronary Angioplasty in Acute Myocardial Infarction, 506

## Mortality. See also Sudden Death; Survival

Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

Association of Right Ventricular Dysfunction With In-Hospital Mortality in Patients With Acute Pulmonary Embolism and Reduction in Mortality in Patients With Right Ventricular Dysfunction by Pulmonary Embolectomy, 695

Do Elderly Systolic Heart Failure Patients Benefit from Beta Blockers to the Same Extent as the Non-Elderly? Meta-Analysis of >12,000 Patients in Large-Scale Clinical Trials, 896

Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827

Heart Rate Response During *Dipyridamole* Stress as a Predictor of Mortality in Patients With Normal Myocardial Perfusion and Normal Electrocardiograms, 1159

Long-Term Effects of Stress Reduction on Mortality in Persons  $\geq 55$  Years of Age With Systemic Hypertension, 1060

Mitral Valve Morphology and Morbidity/Mortality in Shane's Complex, 541

Relation of Interhospital Delay and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Transferred for Primary Coronary Angioplasty, 1361

Relation of Myocardial Perfusion to Mortality After Primary Percutaneous Coronary Intervention, 980

Relation of QT<sub>c</sub> Duration Heterogeneity to Mortality Following Orthotopic Heart Transplantation, 431

ST-Segment Depression on the Initial Electrocardiogram in Acute Myocardial Infarction—Prognostic Significance and Its Effect on Short-Term Mortality: A Report from the National Registry of Myocardial Infarction (NMR-2, 3, 4), 843

Statin Use and Risks of Death or Fatal Rejection in the Heart Transplant Lipid Registry, 367

Trends in Mortality Attributed to Heart Failure in Worcester, Massachusetts, 1992 to 2001, 1324

Usefulness of Relative Lymphocyte Count as an Independent Predictor of Death/Urgent Transplant in Heart Failure, 1492

## Multidetector Row Computed Tomography

Cardiac Multidetector-Row Computed Tomography in Patients With Unstable Angina, 457

Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683

## Multinational Global Registry of Acute Coronary Events

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

## Multislice Computed Tomography

Assessment of Coronary Artery Abnormalities by Multislice Spiral Computed Tomography in Adolescents and Young Adults With Kawasaki Disease, 522

Follow-Up of Coronary Artery Bypass Graft Patency by Multislice Computed Tomography, 1094

Impact of Coronary Calcium Score on Diagnostic Accuracy for the Detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography, 1225

Noninvasive Assessment of Coronary Plaque Burden Using Multislice Computed Tomography, 1165

## Multivessel Disease

Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II?, 439

## Murmurs

Usefulness of a New Sound Spectral Averaging Technique to Distinguish an Innocent Systolic Murmur from That of Aortic Stenosis, 902

## Mustard Operation

Effectiveness of Transvenous Pacemaker Leads Placed Through Intravascular Stents in Patients With Congenital Heart Disease, 424

## Mutations. See Gene Mutations

## Myocardial Damage

Circulating Levels of Heart-Type Fatty Acid-Binding Protein and Its Relation to Thallium-201 Perfusion Defects in Patients With Hypertrophic Cardiomyopathy, 1334

## Myocardial Infarction

Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

Angiographic and Clinical Outcomes Associated With Direct Versus Conventional Stenting Among Patients With Fibrinolytic Therapy for ST-Elevation Acute Myocardial Infarction, 383

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With

ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

Association of Height With Outcomes in Patients With Acute Myocardial Infarction Receiving Reperfusion Therapy, 1371

Characterization of Myocardial Infarction as an End Point in Two Large Trials of Acute Coronary Syndromes, 1404

Classification of Systemic Therapies for Potential Stabilization of the Vulnerable Plaque to Prevent Acute Myocardial Infarction, 379

Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375

Comparison of ST-Segment Resolution With Combined Fibrinolytic and Glycoprotein IIb/IIIa Inhibitor Therapy Versus Fibrinolytic Alone (Data from Four Clinical Trials), 611

Comparison of the Cardioprotective Effect of Prodromal Angina Pectoris and Collateral Circulation in Patients With a First Anterior Wall Acute Myocardial Infarction, 622

Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930

Compliance as a Critical Consideration in Patients Who Appear to Be Resistant to Aspirin After Healing of Myocardial Infarction, 973

Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827

Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502

Effect of Early Initiation of Statins on Survival in Patients With Acute Myocardial Infarction (the USIC 2000 Registry), 486

Effects of Nitric Oxide Donor Nitroprusside on No-Reflow Phenomenon During Coronary Interventions for Acute Myocardial Infarction, 1358

Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of *Bucindolol* Therapy, 558

In-Hospital and Long-Term Outcomes of Multivessel Percutaneous Coronary Revascularization After Acute Myocardial Infarction, 349

Influence of Reperfusion Therapy on Prognosis in Patients Aged  $\geq 89$  Years With Acute Myocardial Infarction, 1232

Lipid Management in Patients With Unstable Angina Pectoris and Non-ST-Segment Elevation Acute Myocardial Infarction (from CRUSADE), 483

Long-Term Benefit of *Monteplase* Before Coronary Angioplasty in Acute Myocardial Infarction, 506

Myocardial Salvage in Patients With Non-ST-Elevation Myocardial Infarction Determined by Myocardial Perfusion Imaging, 398

A New Simple Method to Assess Global Left Ventricular Systolic Function Based on the Sum of Regional Myocardial Infarction, 550

Plasma Asymmetric Dimethylarginine Concentrations in Newly Diagnosed Patients With Acute Myocardial Infarction or Unstable Angina Pectoris During Two Weeks of Medical Treatment, 729

Prognostic Significance of Simvastatin Therapy in Patients With Ischemic Heart Failure Who Underwent Percutaneous Coronary Intervention for Acute Myocardial Infarction, 619

Prognostic Usefulness of White Blood Cell Count and Temperature in Acute Myocardial Infarction (from the CARDINAL Trial), 614

Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343

Relation of Interhospital Delay and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Transferred for Primary Coronary Angioplasty, 1361

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

Risk Factors, Echocardiographic Patterns, and Outcomes in Patients With Acute Ventricular Septal Rupture During Myocardial Infarction, 1153

Safety and Effectiveness of Transdermal Nicotine Patch in Smokers Admitted With Acute Coronary Syndromes, 976

ST-Segment Depression on the Initial Electrocardiogram in Acute Myocardial Infarction—Prognostic Significance and Its Effect on Short-Term Mortality: A Report from the National Registry of Myocardial Infarction (NMRI-2, 3, 4), 843

Urinary  $\beta$ -Hydroxy- $\gamma$ -Deoxyguanosine Levels Increase After Reperfusion in Acute Myocardial Infarction and May Predict Subsequent Cardiac Events, 514

Usefulness of Real-Time Myocardial Perfusion Imaging to Evaluate Tissue Level Reperfusion in Patients With Non-ST-Elevation Myocardial Infarction, 1033

Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821

Which Parameters on Magnetic Resonance Imaging Determine Q Waves on the Electrocardiogram?, 925

## Myocardial Injury

Effect of Both Elevated Troponin-I and Peripheral White Blood Cell Count on Prognosis in Patients With Suspected Myocardial Injury, 970

## Myocardial Ischemia

Association of Endothelin-1 With Transient Myocardial Ischemia in Patients With Unstable Angina Pectoris, 492

Comparison of Mental Stress-Induced Myocardial Ischemia in Coronary Artery Disease Patients With Versus Without Left Ventricular Dysfunction, 322

Family History, Plasma Homocysteine, and Age of Onset of Symptoms of Myocardial Ischemia in Patients With Different Methylentetrahydrofolate Reductase Genotypes, 1420

Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients With Coronary Artery Disease

and Relation to Clinical Presentation, Angiographic Severity, and Left Ventricular Ejection Fraction, 553

Prevalence of Silent Myocardial Ischemia in Persons With Diabetes Mellitus or Impaired Glucose Tolerance and Association of Hemoglobin A<sub>1c</sub> With Prevalence of Silent Myocardial Ischemia, 1472

Usefulness of Left Atrial Emptying Fraction to Predict Exercise Capacity in Patients With Normal Systolic Left Ventricular Function and Without Myocardial Ischemia, 1014

## Myocardial Perfusion

Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X, 1478

Comparison of Low-Mechanical Index Pulse Sequence Schemes for Detecting Myocardial Perfusion Abnormalities During Vasodilator Stress Echocardiography, 565

Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375

Heart Rate Response During Dipyridamole Stress as a Predictor of Mortality in Patients With Normal Myocardial Perfusion and Normal Electrocardiograms, 1159

Myocardial Salvage in Patients With Non-ST-Elevation Myocardial Infarction Determined by Myocardial Perfusion Imaging, 398

Prognostic Value of Combined Perfusion and Function by Stress Technetium-99m Sestamibi Gated SPECT Myocardial Perfusion Imaging in Patients With Suspected or Known Coronary Artery Disease, 1351

Relation of Myocardial Perfusion to Mortality After Primary Percutaneous Coronary Intervention, 980

Usefulness of Myocardial Perfusion Echocardiography to Identify Obstructive Coronary Artery Disease in Patients With Abnormal Ventricular Septal Motion, 852

## Myocardial Scar

Effect of the Transmural Extent of Myocardial Scar on Left Ventricular Systolic Wall Thickening During Intravenous Dobutamine Administration, 495

## Myocardial Viability

Myocardial Technetium-99m-Tetrofosmin Compared With 18F-Fluorodeoxyglucose Imaging to Assess Myocardial Viability, 1223

## Myocarditis

Comparison of Clinical Presentation of Acute Myocarditis Following Smallpox Vaccination to Acute Coronary Syndromes in Patients <40 Years of Age, 1252

## Myopathy. See also Cardiomyopathy

Effect of Resistance Exercise on Skeletal Muscle Myopathy in Heart Transplant Recipients, 1192

Frequency of Myopathy in Patients Receiving Lovastatin, 983

## Myosin

Effect of Triiodothyronine on Gene Transcription During Cardiopulmonary Bypass in Infants With Ventricular Septal Defect, 787

## N-Terminal ProBNP

The N-Terminal Pro-BNP Investigation of Dyspnea in the Emergency Department (PRIDE) Study, 948

Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients With Coronary Artery Disease and Relation to Clinical Presentation, Angiographic Severity, and Left Ventricular Ejection Fraction, 553

## Natriuretic Peptides

B-Type Natriuretic Peptide Levels in Adults With Congenital Heart Disease and Right Ventricular Failure, 545

Comparison of Brain Natriuretic Peptide and Left Ventricular Diastolic Function Determined by Tissue Doppler in Patients With Diabetes Mellitus, Patients With Hypertension Without Diabetes, and in Healthy Subjects, 905

Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930

Contribution of Left Ventricular Diastolic Dysfunction to Heart Failure Regardless of Ejection Fraction, 603

Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients With Coronary Artery Disease and Relation to Clinical Presentation, Angiographic Severity, and Left Ventricular Ejection Fraction, 553

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

Usefulness of Plasma B-Type Natriuretic Peptide to Identify Ventricular Dysfunction in Pediatric and Adult Patients With Congenital Heart Disease, 474

Usefulness of Plasma Brain-Type Natriuretic Peptide Level to Differentiate Left Ventricular Diastolic Dysfunction from Preserved Diastolic Function in Patients With Systolic Dysfunction, 1383

Usefulness of Serial Measurement of N-Terminal Pro-Brain Natriuretic Peptide Plasma Levels in Asymptomatic Patients With Aortic Stenosis to Predict Symptomatic Deterioration, 898

Value of B-Type Natriuretic Peptide for Identifying Significantly Elevated Pulmonary Artery Wedge Pressure in Patients Treated for Established Chronic Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 883

## NEFA (Nonesterified Fatty Acids)

Influence of Extended-Release Nicotinic Acid on Non-esterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309

## Neutrophil-Platelet Aggregates

Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452

## Nicotine

Safety and Effectiveness of Transdermal Nicotine Patch in Smokers Admitted With Acute Coronary Syndromes, 976

## Nicotinic Acid

Influence of Extended-Release Nicotinic Acid on Non-esterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309

**Nifedipine**

Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235

**Nitrates**

Comparison of *Trimetazidine Plus Sildenafil* to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327

**Nitric Oxide**

Effects of Nitric Oxide Donor Nitroprusside on No-Reflow Phenomenon During Coronary Interventions for Acute Myocardial Infarction, 1358

Relation of Basal Coronary Nitric Oxide Activity to the Burden of Atherosclerosis, 1170

**Nitroprusside**

Effects of Nitric Oxide Donor Nitroprusside on No-Reflow Phenomenon During Coronary Interventions for Acute Myocardial Infarction, 1358

**No Reflow**

Effects of Nitric Oxide Donor Nitroprusside on No-Reflow Phenomenon During Coronary Interventions for Acute Myocardial Infarction, 1358

**Nonischemic Cardiomyopathy. See Cardiomyopathy****Noradrenaline**

Effect of Noradrenaline and *Isoproterenol* on Lipopolysaccharide-Induced Tumor Necrosis Factor-Alpha Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885

**Nurses**

Effectiveness of Echocardiographic Imaging by Nurses to Identify Left Ventricular Systolic Dysfunction in High-Risk Patients, 1271

**Nuts**

Cardiovascular Benefits of Nuts, 963

**NYHA Class**

Implantable Cardioverter-Defibrillator Efficacy in Patients With Heart Failure and Left Ventricular Dysfunction (from the MADIT II Population), 1487

**Obesity. See also Body Mass Index**

Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521

Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II, 439

Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709

Prevalence of Left Ventricular Diastolic Dysfunction in Obese Persons With and Without Diabetes Mellitus, 1527

**Obstructive Hypertrophic Cardiomyopathy. See Cardiomyopathy****Octogenarians. See also Elderly**

Early and Late Results of Isolated and Combined Heart Valve Surgery in Patients  $\geq 80$  Years of Age, 1500

Quality of Life in Octogenarians After Coronary Artery Bypass Grafting, 761

**OGTT (Oral Glucose Tolerance Test)**

Influence of Extended-Release Nicotinic Acid on Non-esterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309

**Omapatrilat**

Antianginal Efficacy of *Omapatrilat* in Patients With Chronic Angina Pectoris, 1283

**Opioid Users**

Impact of *Methadone* Treatment on Cardiac Repolarization and Conduction in Opioid Users, 915

**Oral Glucose Tolerance Test (OGTT)**

Influence of Extended-Release Nicotinic Acid on Non-esterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309

**Outcomes**

Angiographic and Clinical Outcomes Associated With Direct Versus Conventional Stenting Among Patients With Fibrinolytic Therapy for ST-Elevation Acute Myocardial Infarction, 383

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

Association of Height With Outcomes in Patients With Acute Myocardial Infarction Receiving Reperfusion Therapy, 1371

Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644

A Comparison of the AVID and DAVID Trials of Implantable Defibrillators, 1431

Comparison of Treatment Benefit and Outcome in Women Versus Men With Chronic Heart Failure (from the Valsartan Heart Failure Trial), 529

Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290

Early and Late Results of Isolated and Combined Heart Valve Surgery in Patients  $\geq 80$  Years of Age, 1500

Effect of Early Initiation of Statins on Survival in Patients With Acute Myocardial Infarction (the USIC 2000 Registry), 486

Effect of Gender on Treatment, Resource Utilization, and Outcomes in Congestive Heart Failure in Quebec, Canada, 955

Importance of the Postdischarge Interval in Assessing Major Adverse Clinical Event Rates Following Percutaneous Coronary Intervention, 1135

In-Hospital and Long-Term Outcomes of Multivessel Percutaneous Coronary Revascularization After Acute Myocardial Infarction, 349

In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757

Intravascular Ultrasound Stent Area of Sirolimus-Eluting Stents and Its Impact on Late Outcome, 1240

Long-Term *Fluvastatin* Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445

Long-Term Follow-Up of Patients With Obstructive Hypertrophic Cardiomyopathy Treated With Dual-Chamber Pacing, 991

Long-Term Outcome of Patients Undergoing Balloon Mitral Valvotomy in Pregnancy, 1504

Meta-Analysis Comparing Drug-Eluting Stents With Bare Metal Stents, 640

Outcome of Operated and Unoperated Adults With Congenital Cardiac Disease Lost to Follow-Up for More Than Five Years, 776

Outcomes Following Elective Percutaneous Coronary Intervention Without On-Site Surgical Backup in a Community Hospital, 1091

A "Poly-Portfolio" for Secondary Prevention: A Strategy to Reduce Subsequent Events By Up to 97% Over Five Years, 373

Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343

Risk Factors, Echocardiographic Patterns, and Outcomes in Patients With Acute Ventricular Septal Rupture During Myocardial Infarction, 1153

Success, Safety, and Mechanisms of Failure of Percutaneous Coronary Intervention for Occlusive Non-Drug-Eluting In-Stent Restenosis Versus Native Artery Total Occlusion, 1462

Usefulness of Plasma B-Type Natriuretic Peptide to Identify Ventricular Dysfunction in Pediatric and Adult Patients With Congenital Heart Disease, 474

Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734

**Overestimation**

A Comparison of Death Certificate Out-of-Hospital Coronary Heart Disease Death With Physician-Adjudicated Sudden Cardiac Death, 857

**Oxidative Stress**

Comparison of the Effects of *Ramipril* Versus *Telmisartan* in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

**Oxygen Consumption**

Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734

**Pacing**

Digital Technology for Cardiac Pacing, 479

Echocardiographic Examination of Atrioventricular and Interventricular Delay Optimization in Cardiac Resynchronization Therapy, 1108

Effect of Chronic Right Ventricular Apical Pacing on Left Ventricular Function, 771

- Effectiveness of Transvenous Pacemaker Leads Placed Through Intravascular Stents in Patients With Congenital Heart Disease, 424
- Epidemiology of Pacemaker Procedures Among Medicare Enrollees in 1990, 1995, and 2000, 409
- Long-Term Follow-Up of Patients With Obstructive Hypertrophic Cardiomyopathy Treated With Dual-Chamber Pacing, 991
- Minimizing Right Ventricular Pacing, 966
- Permanent Pacing Is a Risk Factor for the Development of Heart Failure, 671
- Predictors of Lack of Response to Resynchronization Therapy, 1436
- Ultrasonic Biophysical Measurements in the Normal Human Fetus for Optimal Design of the Monolithic Fetal Pacemaker, 1267
- Paradoxical Embolism**
- Evidence for Increasing Patency of the Foramen Oval in Divers, 912
- Patent Foramen Oval**
- Evidence for Increasing Patency of the Foramen Oval in Divers, 912
- Pediatrics**
- Assessment of Coronary Artery Abnormalities by Multislice Spiral Computed Tomography in Adolescents and Young Adults With Kawasaki Disease, 522
- Comparison of Aortic Stiffness in Patients With Juvenile Forms of Ascending Aortic Dilation With Versus Without Marfan's Syndrome, 996
- Comparison of Upright and Semi-Recumbent Postures for Exercise Echocardiography in Healthy Children, 918
- Effect of Lifestyle Changes on Atherogenic Lipids and Endothelial Cell Adhesion Molecules in Young Adults With Familial Premature Coronary Heart Disease, 1187
- Effect of Transcatheter Atrial Septal Defect Closure in Children on Left Ventricular Diastolic Function, 1255
- Impact of Multiple Cardiovascular Risk Factors on Femoral Artery Intima-Media Thickness in Asymptomatic Young Adults (The Bogalusa Heart Study), 469
- Left Ventricular Function in Children With Sleep-Disordered Breathing, 801
- Mutations in the HERG K<sup>+</sup>-Ion Channel: A Novel Link Between Long QT Syndrome and Sudden Infant Death Syndrome, 433
- Prevalence of T-Wave Inversion Beyond V<sub>1</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070
- Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626
- Ultrasonic Biophysical Measurements in the Normal Human Fetus for Optimal Design of the Monolithic Fetal Pacemaker, 1267
- Usefulness of Plasma B-Type Natriuretic Peptide to Identify Ventricular Dysfunction in Pediatric and Adult Patients With Congenital Heart Disease, 474
- Usefulness of Real-Time Navigator Magnetic Resonance Imaging for Evaluating Coronary Artery Origins in Pediatric Patients, 679
- Utility of Cardiopulmonary Stress Testing in Assessing Disease Severity in Children With Pulmonary Arterial Hypertension, 697
- Percutaneous Amplatzer Closure**
- Effect on Right Ventricular Volume of Percutaneous Amplatzer Closure of Atrial Septal Defect in Adults, 993
- Percutaneous Balloon Mitral Commissurotomy**
- Feasibility, Safety, and Morphologic Predictors of Outcome of Repeat Percutaneous Balloon Mitral Commissurotomy, 989
- Percutaneous Coronary Intervention.** *See also Angioplasty*
- Bivalirudin Versus Heparin and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial)*, 581
- Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644
- Comparison of Effectiveness of Sirolimus-Eluting Stents Versus Bare Metal Stents for Percutaneous Coronary Intervention in Patients at High Risk for Coronary Restenosis or Clinical Adverse Events, 1409
- Comparison of *Enoxaparin Versus Heparin* During Elective Percutaneous Coronary Intervention Performed With Either *Eptifibatide* or *Tirofiban* (The ACTION Trial), 1295
- Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375
- Drug-Eluting Stents Versus Bare Metal Stents in Percutaneous Coronary Interventions (A Meta-Analysis), 1146
- Effect of Chronic Total Coronary Occlusion on Treatment Strategy, 1088
- Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502
- Effect of *Nifedipine* on C-Reactive Protein Levels in the Coronary Sinus and on Coronary Blood Flow in Response to *Acetylcholine* in Patients With Stable Angina Pectoris Having Percutaneous Coronary Intervention, 1235
- Effectiveness and Safety of *Bivalirudin* During Percutaneous Coronary Intervention in a Single Medical Center, 716
- Importance of the Postdischarge Interval in Assessing Major Adverse Clinical Event Rates Following Percutaneous Coronary Intervention, 1135
- Incidence of Antiplatelet Factor 4/Heparin Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744
- Influence of Vessel Diameter on the Efficacy of Distal Protection Devices During Saphenous Vein Graft Intervention, 651
- Inhibition of Platelet Aggregation With *Eptifibatide*, *Bivalirudin*, and *Heparin* in Patients Undergoing Percutaneous Coronary Intervention Receiving *Clodogrel* Pretreatment (The PharmacoDynamic Evaluation of Angiomax Clodogrel With Or Without INtegrilin [DEACON] Study), 1453
- Outcomes Following Elective Percutaneous Coronary Intervention Without On-Site Surgical Backup in a Community Hospital, 1091
- Prognostic Significance of *Simvastatin* Therapy in Patients With Ischemic Heart Failure Who Underwent Percutaneous Coronary Intervention for Acute Myocardial Infarction, 619
- Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343
- Relation of Myocardial Perfusion to Mortality After Primary Percutaneous Coronary Intervention, 980
- Relation of the Use of Lipid-Lowering Medications Prior to Percutaneous Coronary Intervention to the Incidence of Intraprocedural Adverse Angiographic Events, 978
- Risk of Thrombosis With the Use of Sirolimus-Eluting Stents for Percutaneous Coronary Intervention (from Registry and Clinical Trial Data), 1469
- Usefulness of Noncoronary Vascular Disease in Predicting Adverse Events in the Year Following Percutaneous Coronary Intervention, 575
- Percutaneous Coronary Revascularization**
- In-Hospital and Long-Term Outcomes of Multivessel Percutaneous Coronary Revascularization After Acute Myocardial Infarction, 349
- Pericardial Effusion**
- Matrix Metalloproteinases and Their Inhibitors in Malignant and Autoreactive Pericardial Effusion, 1065
- Pericarditis**
- Relation of Acute Pericardial Disease to Malignancy, 1393
- Peripheral Artery Stiffness**
- Comparison of the Relation of Triglyceride-Rich Lipoproteins and Muscular Artery Compliance in Healthy Women Versus Healthy Men, 1049
- Peripheral Vascular Disease**
- Usefulness of Noncoronary Vascular Disease in Predicting Adverse Events in the Year Following Percutaneous Coronary Intervention, 575
- Phospholipase A<sub>2</sub>**
- Effect of Low-Density Lipoprotein Apheresis on Lipoprotein-Associated Phospholipase A<sub>2</sub>, 1246
- Placebo Effect**
- Longevity of the Placebo Effect in the Therapeutic Angiogenesis and Laser Myocardial Revascularization Trials in Patients With Coronary Heart Disease, 1456
- Plaque. *See also Atherosclerosis***
- Classification of Systemic Therapies for Potential Stabilization of the Vulnerable Plaque to Prevent Acute Myocardial Infarction, 379
- Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355
- Noninvasive Assessment of Coronary Plaque Burden Using Multislice Computed Tomography, 1165

- Relation of CD39 to Plaque Instability and Thrombus Formation in Directional Atherectomy Specimens from Patients With Stable and Unstable Angina Pectoris, 632
- Relation of the Metabolic Syndrome to Calcified Atherosclerotic Plaque in the Coronary Arteries and Aorta, 1180
- Plasma Brain Natriuretic Peptide. See Natriuretic Peptides**
- Platelet Glycoprotein IIb/IIIa Antagonist**
- Comparison of the Safety and Efficacy of Emboli Prevention Devices Versus Platelet Glycoprotein IIb/IIIa Inhibition During Carotid Stenting, 791
- Platelets**
- Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452
- Compliance as a Critical Consideration in Patients Who Appear to Be Resistant to Aspirin After Healing of Myocardial Infarction, 973
- Incidence of Antiplatelet Factor 4/Heparin Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744
- Polyneuropathy**
- Comparison of the Strain Doppler Echocardiographic Features of Familial Amyloid Polyneuropathy (FAP) and Light-Chain Amyloidosis, 538
- Do Statins Increase the Risk of Idiopathic Polyneuropathy?, 1097
- Postdischarge Interval**
- Importance of the Postdischarge Interval in Assessing Major Adverse Clinical Event Rates Following Percutaneous Coronary Intervention, 1135
- Posture**
- Comparison of Upright and Semi-Recumbent Postures for Exercise Echocardiography in Healthy Children, 918
- Pravastatin**
- Cost Effectiveness of Rosuvastatin in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With Atorvastatin, Pravastatin, and Simvastatin (a US Analysis of the STELLAR Trial), 1314
- Effectiveness of Inhibition of Cholesterol Ester Transfer Protein by JTT-705 in Combination With Pravastatin in Type II Dyslipidemia, 1085
- Effects of Rosuvastatin, Atorvastatin, Simvastatin, and Pravastatin on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360
- Pregnancy**
- Long-Term Outcome of Patients Undergoing Balloon Mitral Valvotomy in Pregnancy, 1504
- Pressure Half-Time**
- Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496
- Preventive Cardiology**
- Classification of Systemic Therapies for Potential Stabilization of the Vulnerable Plaque to Prevent Acute Myocardial Infarction, 379
- Comparison of the Relation of Triglyceride-Rich Lipoproteins and Muscular Artery Compliance in Healthy Women Versus Healthy Men, 1049
- Cost Effectiveness of Rosuvastatin in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With Atorvastatin, Pravastatin, and Simvastatin (a US Analysis of the STELLAR Trial), 1314
- Effectiveness and Tolerability of Simvastatin Plus Fenofibrate for Combined Hyperlipidemia (The SAFARI Trial), 462
- Impact of Dyslipidemia Associated With Highly Active Antiretroviral Therapy (HAART) on Cardiovascular Risk and Life Expectancy, 586
- Impact of Multiple Cardiovascular Risk Factors on Femoral Artery Intima-Media Thickness in Asymptomatic Young Adults (The Bogalusa Heart Study), 469
- Influence of Extended-Release Nicotinic Acid on Non-esterified Fatty Acid Flux in the Metabolic Syndrome With Atherogenic Dyslipidemia, 1309
- A "Poly-Portfolio" for Secondary Prevention: A Strategy to Reduce Subsequent Events By Up to 97% Over Five Years, 373
- Predictors of Low-Density Lipoprotein Particle Size in a High-Risk African-American Population, 1320
- Utility of C-Reactive Protein Measurement in Risk Stratification During Primary Cardiovascular Disease Prevention, 1378
- Prognosis**
- Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for Dobutamine Stress Echocardiography With Normal Versus Abnormal Test Results, 1072
- Effect of Both Elevated Troponin-I and Peripheral White Blood Cell Count on Prognosis in Patients With Suspected Myocardial Injury, 970
- Impact of Nonfatal Myocardial Infarction on Outcomes in Patients With Advanced Heart Failure and the Effect of Bucindolol Therapy, 558
- Influence of Reperfusion Therapy on Prognosis in Patients Aged  $\geq 89$  Years With Acute Myocardial Infarction, 1232
- Preprocedural Plasma C-Reactive Protein Levels, Post-procedural Creatine Kinase-MB Release, and Long-Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386
- Prognostic Impact of Diabetes Mellitus in Patients With Acute Decompensated Heart Failure, 1117
- Prognostic Usefulness of White Blood Cell Count and Temperature in Acute Myocardial Infarction (from the CARDINAL Trial), 614
- Prognostic Value of Combined Perfusion and Function by Stress Technetium-99m Sestamibi Gated SPECT Myocardial Perfusion Imaging in Patients With Suspected or Known Coronary Artery Disease, 1351
- Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction and Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397
- Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute Left Ventricular Infarction, 1039
- Proinflammatory Cytokines**
- Circulating Levels of Proinflammatory Cytokines and Neutrophil-Platelet Aggregates in Patients With Coronary Artery Disease, 452
- Propagation Velocity**
- Comparison of Tissue Doppler and Propagation Velocity to Invasive Measures for Measuring Left Ventricular Filling Pressures, 1017
- Propranolol**
- Usefulness of Enalapril Versus Propranolol or Atenolol for Prevention of Aortic Dilation in Patients With the Marfan Syndrome, 1125
- Prospective Multicenter German Cypher Stent Registry**
- Incidence and Predictors of Target Vessel Revascularization and Clinical Events Rates of the Sirolimus-Eluting Coronary Stent (Results from the Prospective Multicenter German Cypher Stent Registry), 1302
- Prothrombin**
- Relation of Interleukin-6 Levels and Prothrombin Fragment 1+2 to a Point-Based Score for Stroke Risk in Atrial Fibrillation, 881
- Pulmonary Artery**
- Usefulness of Branch Pulmonary Artery Regurgitant Fraction to Estimate the Relative Right and Left Pulmonary Vascular Resistances in Congenital Heart Disease, 1514
- Value of B-Type Natriuretic Peptide for Identifying Significantly Elevated Pulmonary Artery Wedge Pressure in Patients Treated for Established Chronic Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 883
- Pulmonary Blood Flow**
- Usefulness of Branch Pulmonary Artery Regurgitant Fraction to Estimate the Relative Right and Left Pulmonary Vascular Resistances in Congenital Heart Disease, 1514
- Pulmonary Disease**
- Use of Amiodarone for Atrial Fibrillation in Patients With Preexisting Pulmonary Disease in the AFFIRM Study, 1514
- Pulmonary Embolism**
- Association of Right Ventricular Dysfunction With In-Hospital Mortality in Patients With Acute Pulmonary Embolism and Reduction in Mortality in Patients With Right Ventricular Dysfunction by Pulmonary Embolectomy, 695
- Diagnosis of Right Ventricular Dysfunction in Acute Pulmonary Embolism Using Helical Computed Tomography, 1260
- Trends in the Incidence of Pulmonary Embolism and Deep Venous Thrombosis in Hospitalized Patients, 1525
- Pulmonary Hypertension**
- Utility of Cardiopulmonary Stress Testing in Assessing Disease Severity in Children With Pulmonary Arterial Hypertension, 697
- Pulmonary Valve**
- Effects of Pulmonary Valve Replacement on QRS Duration and Right Ventricular Cavity Size Late After Repair of Right Ventricular Outflow Tract Obstruction, 1511

Optimal Timing for Pulmonary Valve Replacement in Adults After Tetralogy of Fallot Repair, 779

#### Pulmonary Veins

Anatomic Substrate, Procedural Results, and Clinical Outcome of Ultrasound-Guided Left Atrial-Pulmonary Vein Dissection for Treatment of Atrial Fibrillation, 871

Usefulness of Doppler Assessment of Pulmonary Vein and Left Atrial Appendage Flow Following Pulmonary Vein Isolation of Chronic Atrial Fibrillation in Predicting Recovery of Left Atrial Function, 941

#### Purple Foxglove

*Digitalis Purpurea*, 544

#### Q Waves

Which Parameters on Magnetic Resonance Imaging Determine Q Waves on the Electrocardiogram?, 925

#### QRS Duration

Effects of Pulmonary Valve Replacement on QRS Duration and Right Ventricular Cavity Size Late After Repair of Right Ventricular Outflow Tract Obstruction, 1511

Use of Cardiac Resynchronization Therapy to Optimize Beta-Blocker Therapy in Patients With Heart Failure and Prolonged QRS Duration, 889

Usefulness of Prolonged QRS Duration to Identify High-Risk Ischemic Cardiomyopathy Patients With Syncope and Inducible Ventricular Tachycardia, 391

#### QRS Wave

Effect of Serum Albumin on QRS Wave Amplitude in Patients Free of Heart Disease, 789

#### QT Dymicity

Usefulness of Ventricular Repolarization Dymicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821

#### QT Interval

Effect of Cirrhosis and Liver Transplantation on the Gender Difference in QT Interval, 691

Relation of QTc Duration Heterogeneity to Mortality Following Orthotopic Heart Transplantation, 431

#### QT Prolongation

Impact of *Methadone* Treatment on Cardiac Repolarization and Conduction in Opioid Users, 915

#### QT Syndrome, Long

Heart Rate Influences on Repolarization Duration and Morphology in Symptomatic Versus Asymptomatic KCNQ1 Mutation Carriers, 406

Mutations in the HERG K<sup>+</sup>-Ion Channel: A Novel Link Between Long QT Syndrome and Sudden Infant Death Syndrome, 433

#### Quality of Life

Quality of Life in Octogenarians After Coronary Artery Bypass Grafting, 761

#### RACE Study

Influence of the Randomized Trials, AFFIRM and RACE, on the Management of Atrial Fibrillation in Two University Medical Centers, 1248

#### Radial Artery

Effectiveness of Ulnar Artery Catheterization After Failed Attempt to Cannulate a Radial Artery, 9034

#### Ramipril

Comparison of the Effects of Ramipril Versus Telmisartan in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

#### Ranolazine

Comparative Efficacy of Ranolazine Versus Atenolol for Chronic Angina Pectoris, 311

#### Readers' Comments

Angiotensin-Converting Enzyme Inhibitors and Myocardial Infarction: A Class Effect?, 924

Anticoagulation in Patients With Atrial Fibrillation and Congestive Heart Failure, 1533

Anti-Inflammatory Effects of Levosimendan in Decompensated Heart Failure: Impact on Weight Loss and Anemia, 923

Another View of Dr. Perloff's Personal Coronary Bypass Experience, 705

Are Improvements in Cardiac Function Due to Stem Cell Uptake and Engraftment?, 159

Atrial Fibrillation, the Prothrombotic State, Inflammation, and Gender, 819

Autologous Mesenchymal Stem Cell Transplantation After Acute Myocardial Infarction, 435

Cardiac Response to Prolonged Strenuous Exercise: A Physiologic Model for Stunning Myocardium, 707

Does Aortic Root Dilatation With Bicuspid Aortic Valves Occur as a Primary Tissue Abnormality or as a Relatively Benign Poststenotic Phenomenon?, 820

Fibrillation Cycle Length and Fibrillatory Rate Obtained from Peak Frequency of Fibrillation Waves, 1024

The Impact of Ethnicity on the Lifetime Risk of the Metabolic Syndrome and Diabetes Mellitus, 819

Initial Experience With Bosentan Therapy in Patients With the Eisenmenger Syndrome: Tetralogy of Fallot?, 435

Isaac Newton by James Gleick, 436

Is Left Ventricular Hypertrabeculation/Noncompaction Dependent on Ventricular Shape and Function?, 922

J Curve in Hypertension and Coronary Artery Disease, 160

Maternal Cardiac Arrhythmias During Labor, 435

Natriuretic Peptides in Sleep Apnea, 708

Postoperative Care of the Coronary Artery Bypass Patient, 706

Primary Ventricular Fibrillation Cannot Be Buried; It Never Died, 818

Steven Nissen, Linda Butler, and Three Gorges of Yangtze in China, 437

What About Statistical Confounding?, 1024

White Blood Cell Count and the Coronary Anatomy in Acute Coronary Events, 159

Yawning for an Answer, 437

#### Reflow

Effects of Nitric Oxide Donor Nitroprusside on No-Reflow Phenomenon During Coronary Interventions for Acute Myocardial Infarction, 1358

#### Regional Dysfunction

Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Using Magnetic Resonance Imaging, 9027

#### Regurgitant Fraction. See also Aortic Regurgitation

Usefulness of Branch Pulmonary Artery Regurgitant Fraction to Estimate the Relative Right and Left Pulmonary Vascular Resistances in Congenital Heart Disease, 9029

#### Rehabilitation

Effectiveness of High-Intensity Interval Training for the Rehabilitation of Patients With Coronary Artery Disease, 1080

#### Remodeling

Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930

Relation of Aneurysmectomy in Patients With Advanced Left Ventricular Remodeling to Postoperative Left Ventricular Filling Pressure, Redilation With Ischemic Mitral Regurgitation, 517

#### Renal Failure. See also Kidneys

Prevalence of Valve Calcium and Association of Valve Calcium With Coronary Artery Disease, Atherosclerotic Vascular Disease, and All-Cause Mortality in 137 Patients Undergoing Hemodialysis for Chronic Renal Failure, 742

#### Renal Impairment. See also Kidneys

Bivalirudin Versus Heparin and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581

Long-Term Fluvastatin Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445

#### Reperfusion

Association of Height With Outcomes in Patients With Acute Myocardial Infarction Receiving Reperfusion Therapy, 1371

Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375

Influence of Reperfusion Therapy on Prognosis in Patients Aged  $\geq 89$  Years With Acute Myocardial Infarction, 1232

Urinary 8-Hydroxy-2'-Deoxyguanosine Levels Increase After Reperfusion in Acute Myocardial Infarction and May Predict Subsequent Cardiac Events, 514

Usefulness of Real-Time Myocardial Perfusion Imaging to Evaluate Tissue Level Reperfusion in Patients With Non-ST-Elevation Myocardial Infarction, 1033

#### REPLACE-2 Trial

Bivalirudin Versus Heparin and Glycoprotein IIb/IIIa Inhibition Among Patients With Renal Impairment Undergoing Percutaneous Coronary Intervention (A Subanalysis of the REPLACE-2 Trial), 581

#### Repolarization

Heart Rate Influences on Repolarization Duration and Morphology in Symptomatic Versus Asymptomatic KCNQ1 Mutation Carriers, 406

Impact of *Methadone* Treatment on Cardiac Repolarization and Conduction in Opioid Users, 915

- Usefulness of Ventricular Repolarization Dynamicity in Predicting Arrhythmic Deaths in Patients With Ischemic Cardiomyopathy (from the European Myocardial Infarct Amiodarone Trial), 821
- Restenosis**
- Comparison of C-Reactive Protein Levels Before and After Coronary Stenting and Restenosis Among Patients Treated With Sirolimus-Eluting Versus Bare Metal Stents, 1238
- Comparison of Effectiveness of Sirolimus-Eluting Stents Versus Bare Metal Stents for Percutaneous Coronary Intervention in Patients at High Risk for Coronary Restenosis or Clinical Adverse Events, 9003
- Comparison of Thrombosis and Restenosis Risk from Stent Length of Sirolimus-Eluting Stents Versus Bare Metal Stents, 1140
- Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709
- In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757
- Influence of Stent Length to Lesion Length Ratio on Angiographic and Clinical Outcomes After Implantation of Bare Metal and Drug-Eluting Stents (the TAXUS-IV Study), 1043
- A Novel Mechanism Explaining Early Lumen Loss Following Balloon Angioplasty for the Treatment of In-Stent Restenosis, 751
- Success, Safety, and Mechanisms of Failure of Percutaneous Coronary Intervention for Occlusive Non-Drug-Eluting In-stent Restenosis Versus Native Artery Total Occlusion, 9014
- Resynchronization**
- Echocardiographic Examination of Atrioventricular and Interventricular Delay Optimization in Cardiac Resynchronization Therapy, 1108
- Effect of Cardiac Resynchronization Therapy on Inducibility of Ventricular Tachyarrhythmias in Cardiac Arrest Survivors With Either Ischemic or Idiopathic Dilated Cardiomyopathy, 1111
- Monitoring of Physical Activity and Heart Rate Variability in Patients With Chronic Heart Failure Using Cardiac Resynchronization Devices, 1104
- Predictors of Lack of Response to Resynchronization Therapy, 9008
- Use of Cardiac Resynchronization Therapy to Optimize Beta-Blocker Therapy in Patients With Heart Failure and Prolonged QRS Duration, 889
- Revascularization. See also Coronary Artery Bypass**
- Characterization of Hibernating Myocardium With NOGA Electroanatomic Endocardial Mapping, 722
- Comparison of Effectiveness of Sirolimus-Eluting Stents Versus Bare Metal Stents for Percutaneous Coronary Intervention in Patients at High Risk for Coronary Restenosis or Clinical Adverse Events, 1409
- Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation Acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930
- Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709
- Incidence and Predictors of Target Vessel Revascularization and Clinical Events Rates of the Sirolimus-Eluting Coronary Stent (Results from the Prospective Multicenter German Cypher Stent Registry), 1302
- Incidence of Antiplatelet Factor 4/Heparin Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744
- Longevity of the Placebo Effect in the Therapeutic Angiogenesis and Laser Myocardial Revascularization Trials in Patients With Coronary Heart Disease, 1456
- Meta-Analysis of Survival and Relief of Angina Pectoris After Transmyocardial Revascularization, 1243
- Right Ventricle**
- Association of Right Ventricular Dysfunction With In-Hospital Mortality in Patients With Acute Pulmonary Embolism and Reduction in Mortality in Patients With Right Ventricular Dysfunction by Pulmonary Embolectomy, 695
- B-Type Natriuretic Peptide Levels in Adults With Congenital Heart Disease and Right Ventricular Failure, 545
- Determination of Timing for Reoperation in Patients After Right Ventricular Outflow Reconstruction, 1344
- Diagnosis of Right Ventricular Dysfunction in Acute Pulmonary Embolism Using Helical Computed Tomography, 1260
- Effect of Chronic Right Ventricular Apical Pacing on Left Ventricular Function, 771
- Effect on Right Ventricular Volume of Percutaneous Amplatzer Closure of Atrial Septal Defect in Adults, 993
- Effects of Pulmonary Valve Replacement on QRS Duration and Right Ventricular Cavity Size Late After Repair of Right Ventricular Outflow Tract Obstruction, 1511
- Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521
- Minimizing Right Ventricular Pacing, 966
- Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935
- Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338
- Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683
- Usefulness of Tissue Doppler Imaging for the Diagnosis and Prognosis of Acute Right Ventricular Infarction With Inferior Wall Acute Left Ventricular Infarction, 1039
- Risk Factors**
- Diabetes-Related Knowledge, Atherosclerotic Risk Factor Control, and Outcomes in Acute Coronary Syndromes, 1290
- Estimating Cholesterol Treatment Rates Among Individuals With Multiple Risk Factors and Without Coronary Heart Disease, 862
- Impact of Multiple Cardiovascular Risk Factors on Femoral Artery Intima-Media Thickness in Asymptomatic Young Adults (The Bogalusa Heart Study), 469
- Interatrial Block as a Predictor of Embolic Stroke, 667
- Permanent Pacing Is a Risk Factor for the Development of Heart Failure, 671
- Relation of Aortic Valve Sclerosis to Risk of Coronary Heart Disease in African-Americans, 401
- Relation of Family History of Premature Coronary Heart Disease and Metabolic Risk Factors to Risk of Coronary Arterial Calcium in Asymptomatic Subjects, 655
- Relation of Serum Uric Acid With Metabolic Risk Factors in Asymptomatic Middle-Aged Brazilian Men, 865
- Risk Factors, Echocardiographic Patterns, and Outcomes in Patients With Acute Ventricular Septal Rupture During Myocardial Infarction, 1153
- Utility of C-Reactive Protein Measurement in Risk Stratification During Primary Cardiovascular Disease Prevention, 1378
- Risk Stratification**
- Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734
- Rosuvastatin**
- Cost Effectiveness of Rosuvastatin in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With Atorvastatin, Pravastatin, and Simvastatin (a US Analysis of the STELLAR Trial), 1314
- Effects of Rosuvastatin, Atorvastatin, Simvastatin, and Pravastatin on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360
- Ryanodine Receptor Gene**
- Unusual Clinical Presentation in a Family With Catecholaminergic Polymorphic Ventricular Tachycardia Due to a G14876A Ryanodine Receptor Gene Mutation, 700
- SAFARI Trial**
- Effectiveness and Tolerability of Simvastatin Plus Fenofibrate for Combined Hyperlipidemia (The SAFARI Trial), 462
- Safety**
- Safety of Perioperative Statin Use in High-Risk Patients Undergoing Major Vascular Surgery, 659
- Saphenous Vein Graft**
- Influence of Vessel Diameter on the Efficacy of Distal Protection Devices During Saphenous Vein Graft Intervention, 651
- A Novel, Low-Profile Filter-Wire (Interceptor) Embolic Protection Device During Saphenous Vein Graft Stenting, 511
- Schools**
- Effectiveness of Automated External Defibrillators in High Schools in Greater Boston, 1484
- Seasonal Variation**
- Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Pa-

tients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

### **Seated Exercise**

Effect of a Seated Exercise Program to Improve Physical Function and Health Status in Frail Patients  $\geq 70$  Years of Age With Heart Failure, 1120

### **Septal Ablation**

Effects of Varying Ethanol Dosing on Percutaneous Septal Ablation for Obstructive Hypertrophic Cardiomyopathy on Early Hemodynamic Changes, 675

### **Septal Defect**

Echocardiographic Differentiation of Atrioventricular Septal Defects From Inlet Ventricular Septal Defects and Mitral Valve Clefts, 607

Effect of Acute Changes in Load on Left Ventricular Diastolic Function During Device Closure of Atrial Septal Defects, 686

Effect of Transcatheter Atrial Septal Defect Closure in Children on Left Ventricular Diastolic Function, 1255

Effect on Right Ventricular Volume of Percutaneous Amplatzer Closure of Atrial Septal Defect in Adults, 993

Is Operative Closure of a Small Ventricular Septal Defect Required After an Episode of Infective Endocarditis?, 960

Transcatheter Patch Occlusion of Perimembranous Ventricular Septal Defects, 1518

### **Septal Mitral Annulus Velocity**

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity ( $E'$ ) and the Ratio of Transmural Early Peak Velocity to  $E'$  ( $E/E'$ ), 1020

### **Septal Motion**

Usefulness of Myocardial Perfusion Echocardiography to Identify Obstructive Coronary Artery Disease in Patients With Abnormal Ventricular Septal Motion, 852

### **Septal Rupture**

Risk Factors, Echocardiographic Patterns, and Outcomes in Patients With Acute Ventricular Septal Rupture During Myocardial Infarction, 1153

### **Sexual Activity**

Comparison of Trimetazidine Plus Sildenafil to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327

### **Shane's Complex**

Mitral Valve Morphology and Morbidity/Mortality in Shane's Complex, 541

### **SIDS. See Sudden Infant Death Syndrome**

### **Sildenafil**

Comparison of Trimetazidine Plus Sildenafil to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327

### **Silent Myocardial Ischemia**

Prevalence of Left Ventricular Diastolic Dysfunction in Obese Persons With and Without Diabetes Mellitus, 1527

### **Simvastatin**

Cost Effectiveness of Rosuvastatin in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With Atorvastatin, Pravastatin, and Simvastatin (a US Analysis of the STELLAR Trial), 1314

Effect of Splitting Simvastatin Tablets for Control of Low-Density Lipoprotein Cholesterol, 1481

Effectiveness and Tolerability of Simvastatin Plus Fenofibrate for Combined Hyperlipidemia (The SAFARI Trial), 462

Effects of Rosuvastatin, Atorvastatin, Simvastatin, and Pravastatin on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360

Prognostic Significance of Simvastatin Therapy in Patients With Ischemic Heart Failure Who Underwent Percutaneous Coronary Intervention for Acute Myocardial Infarction, 619

### **Sirolimus**

In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757

### **16-Slice Multidetector Row Computed Tomography. See also Computed Tomography**

Ability for Visualization, Reasons for Nonassessable Image, and Diagnostic Accuracy of 16-Slice Multidetector Row Helical Computed Tomography for the Assessment of the Entire Coronary Arteries, 1076

Noninvasive Coronary Imaging and Assessment of Left Ventricular Function Using 16-Slice Computed Tomography, 571

### **Sleep Apnea**

Left Ventricular Function in Children With Sleep-Disordered Breathing, 801

### **Smallpox Vaccination**

Comparison of Clinical Presentation of Acute Myocarditis Following Smallpox Vaccination to Acute Coronary Syndromes in Patients  $<40$  Years of Age, 1252

### **Smoking**

Safety and Effectiveness of Transdermal Nicotine Patch in Smokers Admitted With Acute Coronary Syndromes, 976

### **Sound Spectral Averaging**

Usefulness of a New Sound Spectral Averaging Technique to Distinguish an Innocent Systolic Murmur from That of Aortic Stenosis, 902

### **Spaceflight**

Mechanism of Spaceflight-Induced Changes in Left Ventricular Mass, 1128

### **ST-Segment**

Absence of Seasonal Variation in Myocardial Perfusion, Enzymatic Infarct Size, and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Angioplasty, 1459

Angiographic and Clinical Outcomes Associated With Direct Versus Conventional Stenting Among Patients With Fibrinolytic Therapy for ST-Elevation Acute Myocardial Infarction, 383

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

Comparison of Myocardial Perfusion After Successful Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction With Versus Without Diabetes Mellitus, 1375

Comparison of ST-Segment Resolution With Combined Fibrinolytic and Glycoprotein IIb/IIIa Inhibitor Therapy Versus Fibrinolytic Alone (Data from Four Clinical Trials), 611

Comparison of the Usefulness of Doppler-Derived Deceleration Time Versus Plasma Brain Natriuretic Peptide to Predict Left Ventricular Remodeling After Mechanized Revascularization in Patients With ST-Elevation Acute Myocardial Infarction and Left Ventricular Systolic Dysfunction, 930

Lipid Management in Patients With Unstable Angina Pectoris and Non-ST-Segment Elevation Acute Myocardial Infarction (from CRUSADE), 483

Myocardial Salvage in Patients With Non-ST-Elevation Myocardial Infarction Determined by Myocardial Perfusion Imaging, 398

Predictors of Left-Main or Three-Vessel Disease in Patients Who Have Acute Coronary Syndromes With Non-ST-Segment Elevation, 1366

Relation Between Electrocardiographic ST-Segment Resolution and Early and Late Outcomes After Primary Percutaneous Coronary Intervention for Acute Myocardial Infarction, 343

Relation of Interhospital Delay and Mortality in Patients With ST-Segment Elevation Myocardial Infarction Transferred for Primary Coronary Angioplasty, 1361

Relation of Timing of Cardiac Catheterization to Outcomes in Patients With Non-ST-Segment Elevation Myocardial Infarction or Unstable Angina Pectoris Enrolled in the Multinational Global Registry of Acute Coronary Events, 1397

ST-Segment Depression on the Initial Electrocardiogram in Acute Myocardial Infarction—Prognostic Significance and Its Effect on Short-Term Mortality: A Report from the National Registry of Myocardial Infarction (NMRI-2, 3, 4), 843

### **Statins**

Cost Effectiveness of Rosuvastatin in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With Atorvastatin, Pravastatin, and Simvastatin (a US Analysis of the STELLAR Trial), 1314

Do Statins Increase the Risk of Idiopathic Polyneuropathy?, 1097

Effect of Early Initiation of Statins on Survival in Patients With Acute Myocardial Infarction (the USIC 2000 Registry), 486

Effect of Splitting Simvastatin Tablets for Control of Low-Density Lipoprotein Cholesterol, 1481

Effect of Statin Therapy on Risk of Ventricular Arrhythmia Among Patients With Coronary Artery Disease and an Implantable Cardioverter-Defibrillator, 490

Effectiveness and Tolerability of Simvastatin Plus Fenofibrate for Combined Hyperlipidemia (The SAFARI Trial), 462

Effectiveness of Inhibition of Cholesterol Ester Transfer Protein by JTT-705 in Combination With Pravastatin in Type II Dyslipidemia, 1085

Effects of Atorvastatin Versus Other Statins on Fasting and Postprandial C-Reactive Protein and Lipoprotein-Associated Phospholipase A<sub>2</sub> in Patients With

- Coronary Heart Disease Versus Control Subjects, 1025
- Effects of *Rosuvastatin*, *Atorvastatin*, *Simvastatin*, and *Pravastatin* on Atherogenic Dyslipidemia in Patients With Characteristics of the Metabolic Syndrome, 360
- Frequency of Myopathy in Patients Receiving *Lovastatin*, 983
- Long-Term *Fluvastatin* Reduces the Hazardous Effect of Renal Impairment on Four-Year Atherosclerotic Outcomes (a LIPS Substudy), 445
- Relation of the Use of Lipid-Lowering Medications Prior to Percutaneous Coronary Intervention to the Incidence of Intraprocedural Adverse Angiographic Events, 978
- Safety of Perioperative Statin Use in High-Risk Patients Undergoing Major Vascular Surgery, 659
- Statin Use and Risks of Death or Fatal Rejection in the Heart Transplant Lipid Registry, 367
- STELLAR Trial**
- Cost Effectiveness of *Rosuvastatin* in Treating Patients to Low-Density Lipoprotein Cholesterol Goals Compared With *Atorvastatin*, *Pravastatin*, and *Simvastatin* (a US Analysis of the STELLAR Trial), 1314
- Stenosis**
- Comparison of Accuracy of Mitral Valve Area in Mitral Stenosis by Real-Time, Three-Dimensional Echocardiography Versus Two-Dimensional Echocardiography Versus Doppler Pressure Half-Time, 1496
- Impact of Coronary Calcium Score on Diagnostic Accuracy for the Detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography, 1225
- Stent/Stenting**
- Angiographic and Clinical Outcomes Associated With Direct Versus Conventional Stenting Among Patients With Fibrinolytic Therapy for ST-Elevation Acute Myocardial Infarction, 383
- Catheter Management of Occluded Superior Baffle After Atrial Switch Procedures for Transposition of Great Vessels, 782
- Comparison of C-Reactive Protein Levels After Coronary Stenting With Bare Metal Versus Sirolimus-Eluting Stents, 748
- Comparison of C-Reactive Protein Levels Before and After Coronary Stenting and Restenosis Among Patients Treated With Sirolimus-Eluting Versus Bare Metal Stents, 1238
- Comparison of *Cilostazol* and *Clopidogrel* After Successful Coronary Stenting, 859
- Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644
- Comparison of Effectiveness of Sirolimus-Eluting Stents Versus Bare Metal Stents for Percutaneous Coronary Intervention in Patients at High Risk for Coronary Restenosis or Clinical Adverse Events, 1409
- Comparison of the Safety and Efficacy of Emboli Prevention Devices Versus Platelet Glycoprotein IIb/IIIa Inhibition During Carotid Stenting, 791
- Comparison of Thrombosis and Restenosis Risk from Stent Length of Sirolimus-Eluting Stents Versus Bare Metal Stents, 1140
- Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355
- Drug-Eluting Stents Versus Bare Metal Stents in Percutaneous Coronary Interventions (A Meta-Analysis), 1146
- Effect of *Dexamethasone*-Eluting Stents on Systemic Inflammatory Response in Patients With Unstable Angina Pectoris or Recent Myocardial Infarction Undergoing Percutaneous Coronary Intervention, 502
- Effectiveness of Transvenous Pacemaker Leads Placed Through Intravascular Stents in Patients With Congenital Heart Disease, 424
- Fate of Unprotected Side Branches as Related to Embolic Complications During Stent Implantation for Acute Coronary Syndromes Using a Distal Protection Procedure, 636
- Impact of Body Mass Index on the Outcome of Patients With Multivessel Disease Randomized to Either Coronary Artery Bypass Grafting or Stenting in the ARTS Trial: The Obesity Paradox II, 439
- Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709
- In-Hospital and Long-Term Outcomes of Multivessel Percutaneous Coronary Revascularization After Acute Myocardial Infarction, 349
- In-Hospital and Nine-Month Outcome of Treatment of Coronary Bifurcational Lesions With Sirolimus-Eluting Stent, 757
- Incidence and Predictors of Target Vessel Revascularization and Clinical Events Rates of the Sirolimus-Eluting Coronary Stent (Results from the Prospective Multicenter German Cypher Stent Registry), 1302
- Influence of Stent Length to Lesion Length Ratio on Angiographic and Clinical Outcomes After Implantation of Bare Metal and Drug-Eluting Stents (the TAXUS-IV Study), 1043
- Intravascular Ultrasound Assessment of Lesions With Target Vessel Failure After Sirolimus-Eluting Stent Implantation, 498
- Intravascular Ultrasound Stent Area of Sirolimus-Eluting Stents and Its Impact on Late Outcome, 1240
- Meta-Analysis Comparing Drug-Eluting Stents With Bare Metal Stents, 640
- A Novel, Low-Profile Filter-Wire (Interceptor) Embolic Protection Device During Saphenous Vein Graft Stenting, 511
- A Novel Mechanism Explaining Early Lumen Loss Following Balloon Angioplasty for the Treatment of In-Stent Restenosis, 751
- Preprocedural Plasma C-Reactive Protein Levels, Post-procedural Creatine Kinase-MB Release, and Long-Term Prognosis After Successful Coronary Stenting (Four-Year Results from the GENERATION Study), 386
- Rapid Desensitization Procedure for Patients With *Aspirin* Hypersensitivity Undergoing Coronary Stenting, 509
- Risk of Thrombosis With the Use of Sirolimus-Eluting Stents for Percutaneous Coronary Intervention (from Registry and Clinical Trial Data), 1469
- Risks of Noncardiac Surgery After Coronary Stenting, 755
- Safety of Coronary Stenting With *Eptifibatide* and Ultra-Low-Dose *Heparin*, 630
- Success, Safety, and Mechanisms of Failure of Percutaneous Coronary Intervention for Occlusive Non-Drug-Eluting In-stent Restenosis Versus Native Artery Total Occlusion, 1462
- Validation of Predictors of Intraprocedural Stent Thrombosis in the Drug-Eluting Stent Era, 1466
- Stress**
- Comparison of Mental Stress-Induced Myocardial Ischemia in Coronary Artery Disease Patients With Versus Without Left Ventricular Dysfunction, 322
- Long-Term Effects of Stress Reduction on Mortality in Persons  $\geq 55$  Years of Age With Systemic Hypertension, 1060
- Stress Echocardiography**
- Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for *Dobutamine* Stress Echocardiography With Normal Versus Abnormal Test Results, 1072
- Stress Testing**
- Utility of Cardiopulmonary Stress Testing in Assessing Disease Severity in Children With Pulmonary Arterial Hypertension, 697
- Stroke**
- Interatrial Block as a Predictor of Embolic Stroke, 667
- Relation of Interleukin-6 Levels and Prothrombin Fragment 1+2 to a Point-Based Score for Stroke Risk in Atrial Fibrillation, 881
- Sudden Death. See also Mortality**
- A Comparison of Death Certificate Out-of-Hospital Coronary Heart Disease Death With Physician-Adjudicated Sudden Cardiac Death, 857
- Effectiveness of Automated External Defibrillators in High Schools in Greater Boston, 1484
- Sudden Infant Death Syndrome**
- Mutations in the HERG  $K^+$ -Ion Channel: A Novel Link Between Long QT Syndrome and Sudden Infant Death Syndrome, 433
- Superior Baffle**
- Catheter Management of Occluded Superior Baffle After Atrial Switch Procedures for Transposition of Great Vessels, 782
- Surgery**
- Determination of Timing for Reoperation in Patients After Right Ventricular Outflow Reconstruction, 1344
- Early and Late Results of Isolated and Combined Heart Valve Surgery in Patients  $\geq 80$  Years of Age, 1500
- Is Operative Closure of a Small Ventricular Septal Defect Required After an Episode of Infective Endocarditis?, 960
- Outcomes Following Elective Percutaneous Coronary Intervention Without On-Site Surgical Backup in a Community Hospital, 1091
- Risks of Noncardiac Surgery After Coronary Stenting, 755

Safety of Perioperative Statin Use in High-Risk Patients Undergoing Major Vascular Surgery, 659

**Survival. See also Mortality; Outcomes; Prognosis**

Effect of Beta-Blocker Therapy on Mortality Rates and Future Myocardial Infarction Rates in Patients With Coronary Artery Disease But No History of Myocardial Infarction or Congestive Heart Failure, 827

Effect of Early Initiation of Statins on Survival in Patients With Acute Myocardial Infarction (the USIC 2000 Registry), 486

Meta-Analysis of Survival and Relief of Angina Pectoris After Transmyocardial Revascularization, 1243

Validation of Peak Exercise Oxygen Consumption and the Heart Failure Survival Score for Serial Risk Stratification in Advanced Heart Failure, 734

**Syncope**

Direct Medical Costs of Syncope-Related Hospitalizations in the United States, 668

Effect of Syncope-Related Traumatic Injuries on the Diagnostic Evaluation and Syncope Recurrence of Patients With Syncope and Apparently Normal Hearts, 1101

Usefulness of Prolonged QRS Duration to Identify High-Risk Ischemic Cardiomyopathy Patients With Syncope and Inducible Ventricular Tachycardia, 391

**Syndrome X**

Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X, 1478

**Systemic Lupus Erythematosus**

Valvular Heart Disease as a Cause of Cerebrovascular Disease in Patients with Systemic Lupus Erythematosus, 1441

**Systolic Function**

Effect of Exercise Training on  $VO_{2\text{peak}}$  and Left Ventricular Systolic Function in Recent Cardiac Transplant Recipients, 1002

Effectiveness of Echocardiographic Imaging by Nurses to Identify Left Ventricular Systolic Dysfunction in High-Risk Patients, 1271

A New Simple Method to Assess Global Left Ventricular Systolic Function Based on the Sum of Regional Myocardial Infarction, 550

Regional Differences in Systolic and Diastolic Function in Arrhythmogenic Right Ventricular Dysplasia/ Cardiomyopathy Using Magnetic Resonance Imaging, 1507

Usefulness of Plasma Brain-Type Natriuretic Peptide Level to Differentiate Left Ventricular Diastolic Dysfunction from Preserved Diastolic Function in Patients With Systolic Dysfunction, 1383

**Systolic Murmurs**

Usefulness of a New Sound Spectral Averaging Technique to Distinguish an Innocent Systolic Murmur from That of Aortic Stenosis, 902

**T Waves**

Prevalence of T-Wave Inversion Beyond V<sub>5</sub> in Young Normal Individuals and Usefulness for the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia, 1070

**Tachycardia**

Electrophysiologic Characteristics of Verapamil-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425

Unusual Clinical Presentation in a Family With Catecholaminergic Polymorphic Ventricular Tachycardia Due to a G14876A Ryanodine Receptor Gene Mutation, 700

Usefulness of Electroanatomical Mapping to Differentiate Between Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia, 935

**TAXUS-IV Trial**

Impact of Obesity on Revascularization and Restenosis Rates After Bare-Metal and Drug-Eluting Stent Implantation (from the TAXUS-IV Trial), 709

Influence of Stent Length to Lesion Length Ratio on Angiographic and Clinical Outcomes After Implantation of Bare Metal and Drug-Eluting Stents (the TAXUS-IV Study), 1043

**Technetium-99m Sestamibi Gated-SPECT**

Prognostic Value of Combined Perfusion and Function by Stress Technetium-99m Sestamibi Gated SPECT Myocardial Perfusion Imaging in Patients with Suspected or Known Coronary Artery Disease, 1351

**Technetium-99m-Tetrofosmin**

Myocardial Technetium-99m-Tetrofosmin Compared With 18F-Fluorodeoxyglucose Imaging to Assess Myocardial Viability, 1223

**Teenagers. See Pediatrics**

**Telmisartan**

Comparison of the Effects of Ramipril Versus Telmisartan in Reducing Serum Levels of High-Sensitivity C-Reactive Protein and Oxidized Low-Density Lipoprotein Cholesterol in Patients With Type 2 Diabetes Mellitus, 1386

**Temperature**

Prognostic Usefulness of White Blood Cell Count and Temperature in Acute Myocardial Infarction (from the CARDINAL Trial), 614

**Tetralogy of Fallot**

Optimal Timing for Pulmonary Valve Replacement in Adults After Tetralogy of Fallot Repair, 779

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683

**Thallium-201 Perfusion Defect**

Circulating Levels of Heart-Type Fatty Acid-Binding Protein and Its Relation to Thallium-201 Perfusion Defects in Patients With Hypertrophic Cardiomyopathy, 1334

**Three-Vessel Disease**

Predictors of Left-Main or Three-Vessel Disease in Patients Who Have Acute Coronary Syndromes With Non-ST-Segment Elevation, 1366

**Thrombocytopenia**

Incidence of Antiplatelet Factor 4/Heparin Antibody Induction in Patients Undergoing Percutaneous Coronary Revascularization, 744

**Thrombolytics**

Comparison of ST-Segment Resolution With Combined Fibrinolytic and Glycoprotein IIb/IIIa Inhibitor Therapy Versus Fibrinolytic Alone (Data from Four Clinical Trials), 611

Long-Term Benefits of Montelase Before Coronary Angioplasty in Acute Myocardial Infarction, 506

**Thrombosis**

Comparison of Thrombosis and Restenosis Risk from Stent Length of Sirolimus-Eluting Stents Versus Bare Metal Stents, 1140

Risk of Thrombosis With the Use of Sirolimus-Eluting Stents for Percutaneous Coronary Intervention (from Registry and Clinical Trial Data), 1469

Trends in the Incidence of Pulmonary Embolism and Deep Venous Thrombosis in Hospitalized Patients, 1525

Validation of Predictors of Intraprocedural Stent Thrombosis in the Drug-Eluting Stent Era, 1466

**TIMI Flow Grade**

Association of Culprit Lesion Calcium With Angiographic and Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction Treated With Fibrinolytic Therapy, 337

**Tirofiban**

Comparison of Enoxaparin Versus Heparin During Elective Percutaneous Coronary Intervention Performed With Either Eptifibatide or Tirofiban (The ACTION Trial), 1295

**Tissue Doppler Imaging. See Doppler**

**Tissue Tracking Imaging. See Ultrasound**

**Tobacco**

Safety and Effectiveness of Transdermal Nicotine Patch in Smokers Admitted With Acute Coronary Syndromes, 976

**Transcatheter Atrial Septal Defect Closure**

Effect of Transcatheter Atrial Septal Defect Closure in Children on Left Ventricular Diastolic Function, 1255

**Transcatheter Patch**

Transcatheter Patch Occlusion of Perimembranous Ventricular Septal Defects, 1518

**Transesophageal Echocardiography. See also Echocardiography**

Comparison of Tissue Doppler Dynamics to Doppler Flow in Evaluating Left Atrial Appendage Function by Transesophageal Echocardiography, 1011

Comparison of Transesophageal Echocardiographic Identification of Embolic Risk Markers in Patients With Lone Versus Non-Lone Atrial Fibrillation, 593

**Transmural Early Peak Velocity**

Effects of Age, Gender, and Left Ventricular Mass on Septal Mitral Annulus Velocity (E') and the Ratio of Transmural Early Peak Velocity to E' (E'/E'), 1020

**Transplantation. See Heart Transplantation**

**Transposition**

Usefulness of Multidetector Row Computed Tomography to Quantify Right Ventricular Size and Function in Adults With Either Tetralogy of Fallot or Transposition of the Great Arteries, 683

**Traumatic Injury**

Effect of Syncope-Related Traumatic Injuries on the Diagnostic Evaluation and Syncope Recurrence of Patients With Syncope and Apparently Normal Hearts, 1101

**Trends**

Trends in Mortality Attributed to Heart Failure in Worcester, Massachusetts, 1992 to 2001, 1324

Trends in the Incidence of Pulmonary Embolism and Deep Venous Thrombosis in Hospitalized Patients, 1525

**Triglycerides**

Comparison of the Relation of Triglyceride-Rich Lipoproteins and Muscular Artery Compliance in Healthy Women Versus Healthy Men, 1049

Predictors of Low-Density Lipoprotein Particle Size in a High-Risk African-American Population, 1320

**Triiodothyronine**

Effect of Triiodothyronine on Gene Transcription During Cardiopulmonary Bypass in Infants With Ventricular Septal Defect, 787

**Trimetazidine**

Comparison of *Trimetazidine* Plus *Sildenafil* to Chronic Nitrates in the Control of Myocardial Ischemia During Sexual Activity in Patients With Coronary Artery Disease, 327

**Troponin-1**

Effect of Both Elevated Troponin-I and Peripheral White Blood Cell Count on Prognosis in Patients With Suspected Myocardial Injury, 970

**Tumor Necrosis Factor**

Effect of Noradrenaline and *Isoproterenol* on Lipopolysaccharide-Induced Tumor Necrosis Factor-Alpha Production in Whole Blood from Patients With Chronic Heart Failure and the Role of Beta-Adrenergic Receptors, 885

**Ulnar Artery**

Effectiveness of Ulnar Artery Catheterization After Failed Attempt to Cannulate a Radial Artery, 1529

**Ultrasonic Measurement**

Ultrasonic Biophysical Measurements in the Normal Human Fetus for Optimal Design of the Monolithic Fetal Pacemaker, 1267

**Ultrasound. See also Echocardiography**

Comparison of Early Outcome of Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease in the Drug-Eluting Stent Era With Versus Without Intravascular Ultrasonic Guidance, 644

Creatine Kinase-MB Enzyme Elevation and Long-Term Clinical Events After Successful Coronary Stenting in Lesions With Ruptured Plaque, 355

Intravascular Ultrasound Assessment of Lesions With

Target Vessel Failure After Sirolimus-Eluting Stent Implantation, 498

Intravascular Ultrasound Stent Area of Sirolimus-Eluting Stents and Its Impact on Late Outcome, 1240

A Novel Mechanism Explaining Early Lumen Loss Following Balloon Angioplasty for the Treatment of In-Stent Restenosis, 751

Tissue Tracking Imaging as a New Modality for Identifying the Origin of Idiopathic Ventricular Arrhythmias, 660

**Uric Acid**

Relation of Serum Uric Acid With Metabolic Risk Factors in Asymptomatic Middle-Aged Brazilian Men, 865

**Urine**

Urinary 8-Hydroxy-2'-Deoxyguanosine Levels Increase After Reperfusion in Acute Myocardial Infarction and May Predict Subsequent Cardiac Events, 514

**USIC 2000 Registry**

Effect of Early Initiation of Statins on Survival in Patients With Acute Myocardial Infarction (the USIC 2000 Registry), 486

**Vaccination**

Comparison of Clinical Presentation of Acute Myocarditis Following Smallpox Vaccination to Acute Coronary Syndromes in Patients <40 Years of Age, 1252

**Valsartan Heart Failure Trial**

Comparison of Treatment Benefit and Outcome in Women Versus Men With Chronic Heart Failure (from the Valsartan Heart Failure Trial), 529

**Valve Surgery**

Early and Late Results of Isolated and Combined Heart Valve Surgery in Patients  $\geq 80$  Years of Age, 1500

**Valvular Heart Disease**

Valvular Heart Disease as a Cause of Cerebrovascular Disease in Patients with Systemic Lupus Erythematosus, 1441

**Vascular Compliance**

Comparison of the Relation of Triglyceride-Rich Lipoproteins and Muscular Artery Compliance in Healthy Women Versus Healthy Men, 1049

**Vasopeptidase Inhibition**

Antianginal Efficacy of *Omapatrilat* in Patients With Chronic Angina Pectoris, 1283

**Velocity of Propagation**

Comparison of Tissue Doppler and Propagation Velocity to Invasive Measures for Measuring Left Ventricular Filling Pressures, 1017

**Venous Obstruction**

Effectiveness of Transvenous Pacemaker Leads Placed Through Intravascular Stents in Patients With Congenital Heart Disease, 424

**Ventricular Function**

Usefulness of Exercise-Induced Changes in Plasma Levels of Brain Natriuretic Peptide in Predicting Right Ventricular Contractile Reserve After Repair of Tetralogy of Fallot, 1338

Usefulness of Plasma B-Type Natriuretic Peptide to Identify Ventricular Dysfunction in Pediatric and Adult Patients With Congenital Heart Disease, 474

**Ventricular Mass**

Mechanism of Spacelift-Induced Changes in Left Ventricular Mass, 1128

**Ventricular Outflow Obstruction**

Effect of Pulmonary Valve Replacement on QRS Duration and Right Ventricular Cavity Size Late After Repair of Right Ventricular Outflow Tract Obstruction, 1511

**Ventricular Tachyarrhythmias**

Effect of Cardiac Resynchronization Therapy on Inducibility of Ventricular Tachyarrhythmias in Cardiac Arrest Survivors With Either Ischemic or Idiopathic Dilated Cardiomyopathy, 1111

**Verapamil**

Electrophysiologic Characteristics of *Verapamil*-Sensitive Atrial Tachycardia Originating from the Atrioventricular Annulus, 1425

**VO<sub>2</sub> Peak**

Effect of Exercise Training on VO<sub>2peak</sub> and Left Ventricular Systolic Function in Recent Cardiac Transplant Recipients, 1002

**Volumes**

Comparison of Left Ventricular Volumes and Ejection Fractions Measured by Three-Dimensional Echocardiography Versus by Two-Dimensional Echocardiography and Cardiac Magnetic Resonance in Patients With Various Cardiomyopathies, 809

**Wall Stress**

Determination of Timing for Reoperation in Patients After Right Ventricular Outflow Reconstruction, 1344

Relation of Echocardiographic Left Ventricular Mass, Geometry and Wall Stress, and Left Atrial Dimension to Coronary Calcium in Young Adults (The CARDIA Study), 626

**Weight Loss. See also Obesity**

Effects of Weight Loss After Gastric Bypass on Right and Left Ventricular Function Assessed by Tissue Doppler Imaging, 1521

**White Blood Cell Count**

Effect of Both Elevated Troponin-I and Peripheral White Blood Cell Count on Prognosis in Patients With Suspected Myocardial Injury, 970

Prognostic Usefulness of White Blood Cell Count and Temperature in Acute Myocardial Infarction (from the CARDINAL Trial), 614

Usefulness of Relative Lymphocyte Count as an Independent Predictor of Death/Urgent Transplant in Heart Failure, 1492

**Women. See also Gender**

Comparison of All-Cause Mortality in Women With Known or Suspected Coronary Artery Disease Referred for Dobutamine Stress Echocardiography With Normal Versus Abnormal Test Results, 1072

Comparison of Treatment Benefit and Outcome in Women Versus Men With Chronic Heart Failure (from the Valsartan Heart Failure Trial), 529

**Young Adults. See Pediatrics**

